

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
 Data File : BG044870.D
 Acq On : 18 Mar 2020 19:11
 Operator : CG/JU
 Sample : PB127635BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Manual Integrations
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 3/19/2020 12:34:48 PM

Quant Time: Mar 19 02:17:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	96041	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	363031	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	244399	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	548754	20.00	ng	0.00
76) Chrysene-d12	21.69	240	496611	20.00	ng	0.00
87) Perylene-d12	24.89	264	544533	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	683597	110.80	ng	0.00
7) Phenol-d6	7.21	99	963005	107.43	ng	0.00
23) Nitrobenzene-d5	9.20	82	535073	64.68	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	385027	120.32	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1120281	65.64	ng	0.00
79) Terphenyl-d14	20.03	244	1741037	65.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	105483	35.504	ng	93
3) Pyridine	3.91	79	244499	27.799	ng	99
4) n-Nitrosodimethylamine	3.82	42	122779	36.793	ng	# 96
6) Aniline	7.37	93	327523	29.364	ng	97
8) 2-Chlorophenol	7.61	128	254962	41.398	ng	98
9) Benzaldehyde	7.17	77	112200	16.956	ng	91
10) Phenol	7.23	94	357708	40.307	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	257258	36.322	ng	97
12) 1,3-Dichlorobenzene	7.94	146	275642	36.332	ng	98
13) 1,4-Dichlorobenzene	8.08	146	281053	37.471	ng	95
14) 1,2-Dichlorobenzene	8.40	146	262712	36.932	ng	96
15) Benzyl Alcohol	8.28	79	273547	38.034	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	382750	30.623	ng	98
17) 2-Methylphenol	8.48	107	240904	40.074	ng	97
18) Hexachloroethane	9.14	117	109525	37.090	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	214632	33.910	ng	99
20) 3+4-Methylphenols	8.81	107	327688	39.544	ng	98
22) Acetophenone	8.87	105	389514	37.873	ng	98
24) Nitrobenzene	9.24	77	327934	38.202	ng	99
25) Isophorone	9.77	82	598317	37.056	ng	98
26) 2-Nitrophenol	9.96	139	142872	47.948	ng	100
27) 2,4-Dimethylphenol	10.02	122	244311	46.463	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	345685	35.875	ng	99
29) 2,4-Dichlorophenol	10.50	162	261606	42.596	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	283926	38.663	ng	95
31) Naphthalene	10.90	128	768603	38.219	ng	99
32) Benzoic acid	10.15	122	152804	39.458	ng	98
33) 4-Chloroaniline	11.00	127	204049	22.521	ng	98
34) Hexachlorobutadiene	11.20	225	184493	38.203	ng	95
35) Caprolactam	11.76	113	95992m	41.281	ng	
36) 4-Chloro-3-methylphenol	12.12	107	297175	40.571	ng	98
37) 2-Methylnaphthalene	12.51	142	579977	38.554	ng	97
38) 1-Methylnaphthalene	12.73	142	545156	38.547	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	302783	37.618	ng	99

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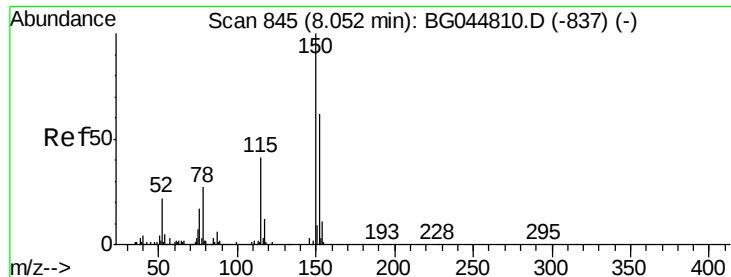
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	419533	95.376	nq	97
43) 2,4,6-Trichlorophenol	13.11	196	229357	42.938	nq	97
44) 2,4,5-Trichlorophenol	13.18	196	238138	42.989	nq	98
46) 1,1'-Biphenyl	13.51	154	715767	36.649	nq	99
47) 2-Chloronaphthalene	13.55	162	552026	37.000	nq	96
48) 2-Nitroaniline	13.74	65	203558	38.971	nq	97
49) Acenaphthylene	14.40	152	915540	39.170	nq	98
50) Dimethylphthalate	14.13	163	731728	37.591	nq	98
51) 2,6-Dinitrotoluene	14.24	165	169467	43.192	nq	98
52) Acenaphthene	14.74	154	666223	43.522	nq	97
53) 3-Nitroaniline	14.57	138	122516	27.160	nq	97
54) 2,4-Dinitrophenol	14.78	184	201513	96.383	nq	91
55) Dibenzofuran	15.08	168	861489	38.809	nq	99
56) 4-Nitrophenol	14.88	139	301333	87.529	nq	92
57) 2,4-Dinitrotoluene	15.03	165	232313	43.172	nq	98
58) Fluorene	15.72	166	703231	38.511	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	222197	43.567	nq	94
60) Diethylphthalate	15.50	149	753023	37.091	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	379819	38.629	nq	99
62) 4-Nitroaniline	15.73	138	169225	35.181	nq	95
63) Azobenzene	16.01	77	748641	35.509	nq	98
65) 4,6-Dinitro-2-methylphenol	15.79	198	144016	54.519	nq	98
66) n-Nitrosodiphenylamine	15.93	169	641499	38.829	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	262582	38.276	nq	95
68) Hexachlorobenzene	16.73	284	282015	37.892	nq	98
69) Atrazine	16.88	200	272255	44.979	nq	99
70) Pentachlorophenol	17.07	266	363305	88.719	nq	99
71) Phenanthrene	17.47	178	1131988	38.602	nq	100
72) Anthracene	17.55	178	1147172	39.673	nq	99
73) Carbazole	17.82	167	1074905	38.700	nq	100
74) Di-n-butylphthalate	18.39	149	1291993	38.265	nq	99
75) Fluoranthene	19.47	202	1418149	40.616	nq	100
77) Benzidine	19.64	184	567209	35.182	nq	98
78) Pyrene	19.83	202	1406748	38.610	nq	99
80) Butylbenzylphthalate	20.72	149	608889	37.565	nq	99
81) Benzo(a)anthracene	21.67	228	1375601	38.468	nq	100
82) 3,3'-Dichlorobenzidine	21.58	252	435532	31.482	nq	96
83) Chrysene	21.74	228	1307415	38.275	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	841873	37.633	nq	99
85) Di-n-octyl phthalate	22.81	149	1445350	38.610	nq	99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1721255	38.436	nq	99
88) Benzo(b)fluoranthene	23.88	252	1492755	41.524	nq	98
89) Benzo(k)fluoranthene	23.95	252	1385101	40.715	nq	98
90) Benzo(a)pyrene	24.74	252	1343103	39.929	nq	98
91) Dibenzo(a,h)anthracene	28.61	278	1397412	42.109	nq	97
92) Benzo(g,h,i)perylene	29.68	276	1424386	42.483	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

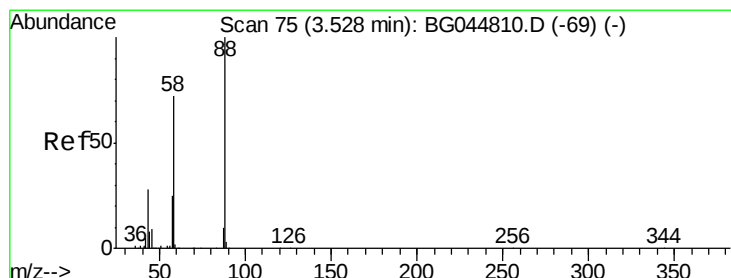
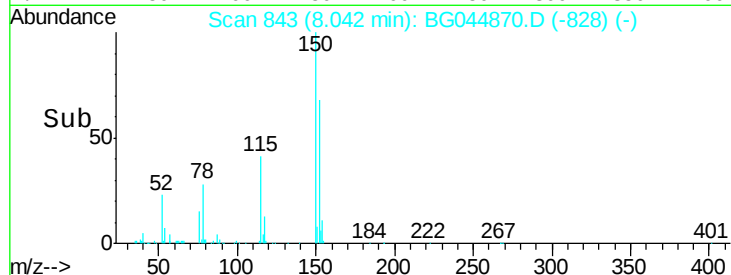
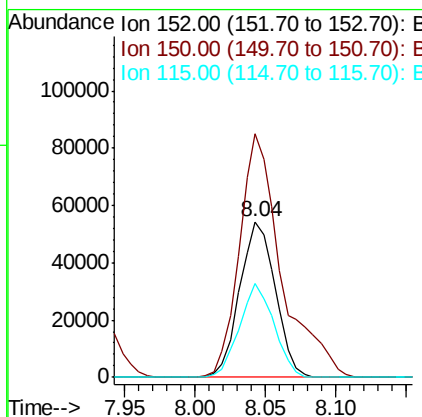
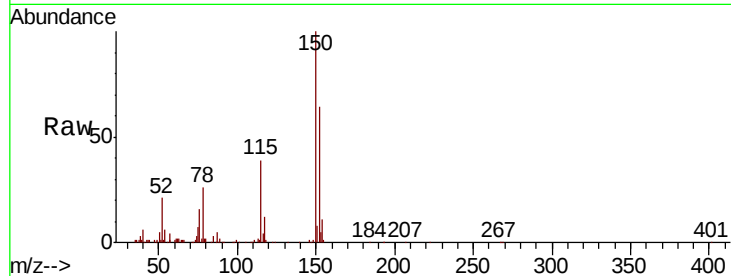
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.8	193.2
115	60.8	52.6	79.0

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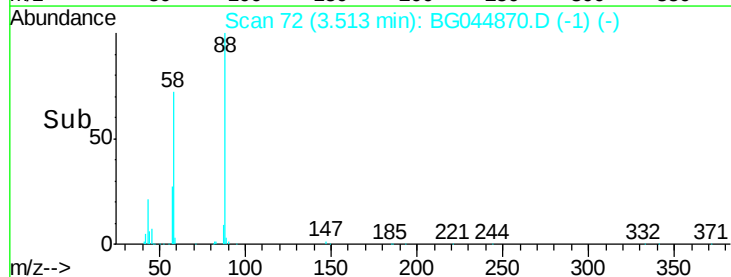
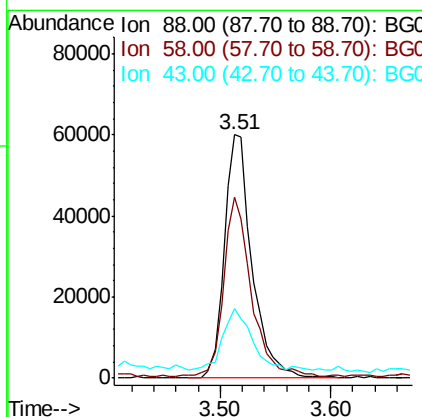
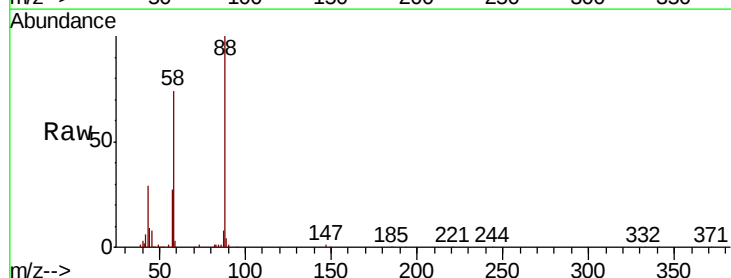
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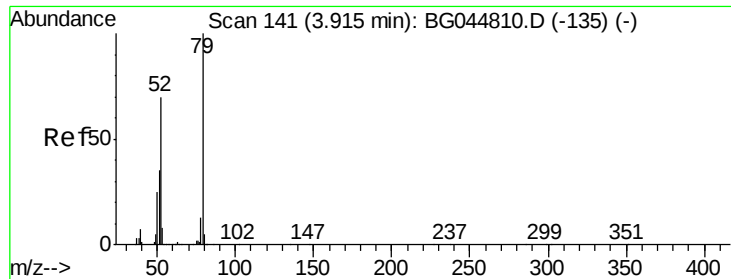


#2

1,4-Dioxane
Concen: 35.504 ng
RT: 3.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	63.0	94.4
43	27.0	24.8	37.2





#3

Pvridine

Concen: 27.799 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

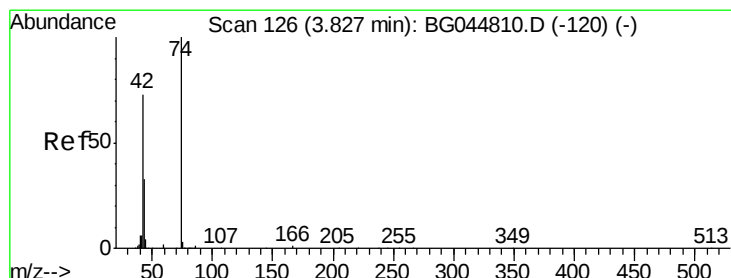
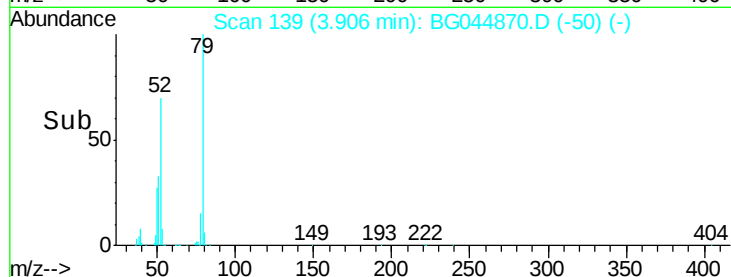
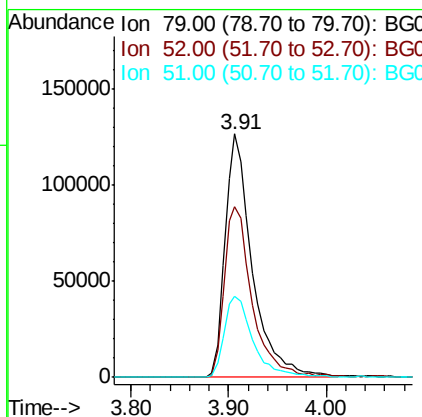
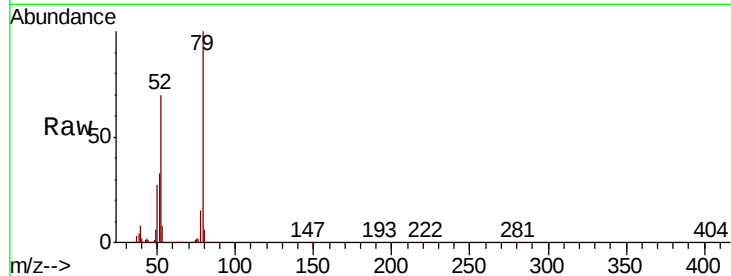
ClientSampleId :

PB127635BSD

Tot Ion:	79	Resp:	244499
Ion Ratio	Lower	Upper	
79	100		
52	70.2	56.3	84.5
51	33.2	28.1	42.1

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#4

n-Nitrosodimethylamine

Concen: 36.793 ng

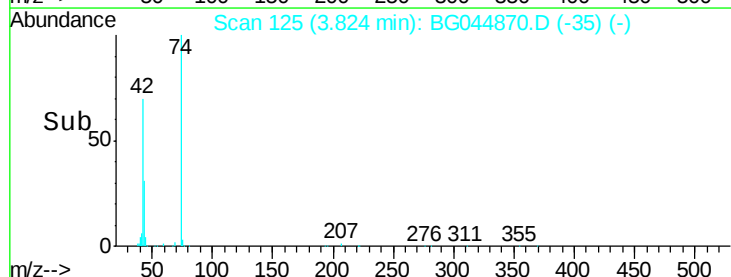
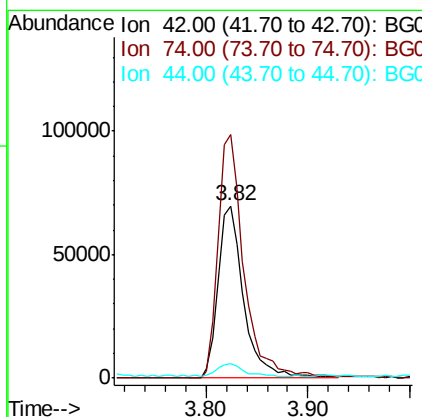
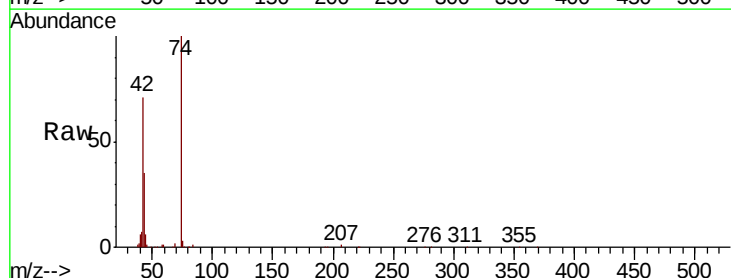
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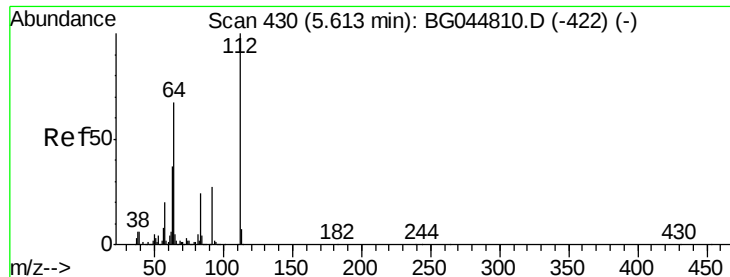
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	42	Resp:	122779
Ion Ratio	Lower	Upper	
42	100		
74	141.6	109.1	163.7
44	8.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 110.802 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

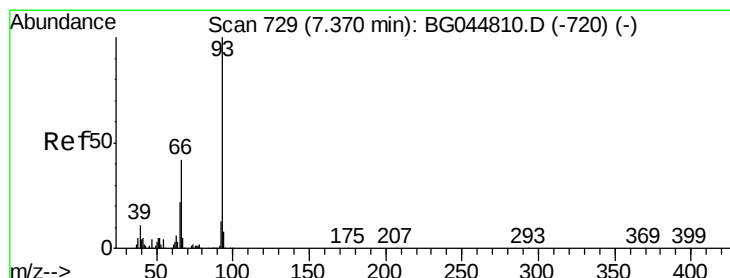
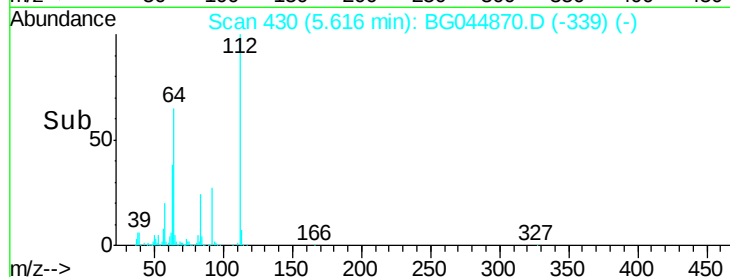
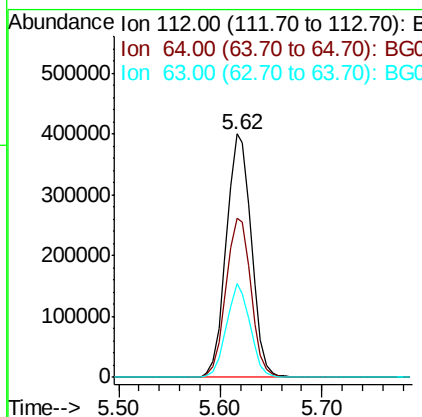
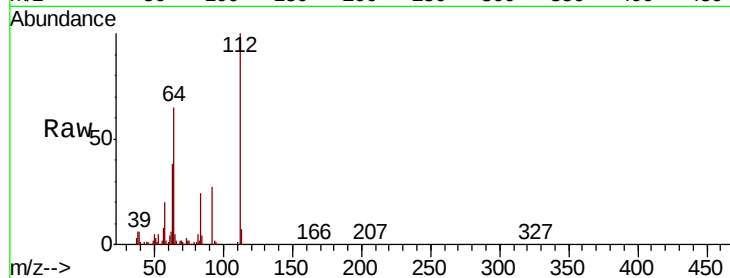
ClientSampleId :

PB127635BSD

Tot Ion:	112	Resp:	683597
Ion Ratio	Lower	Upper	
112	100		
64	65.4	53.4	80.2
63	38.4	29.4	44.2

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#6

Aniline

Concen: 29.364 ng

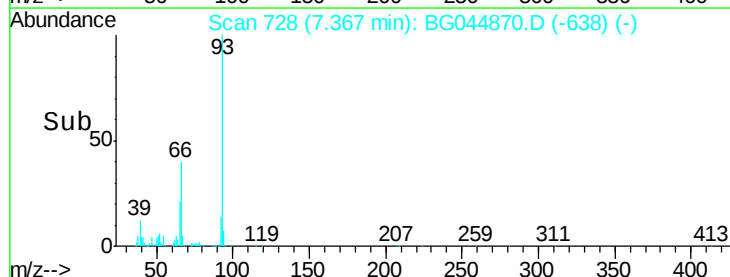
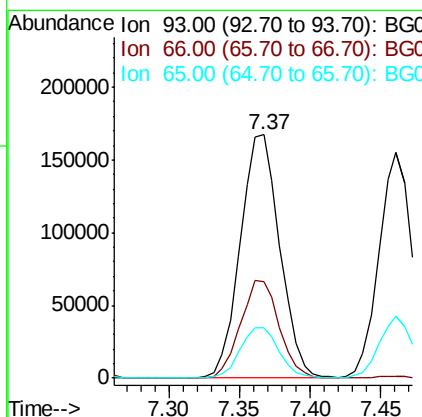
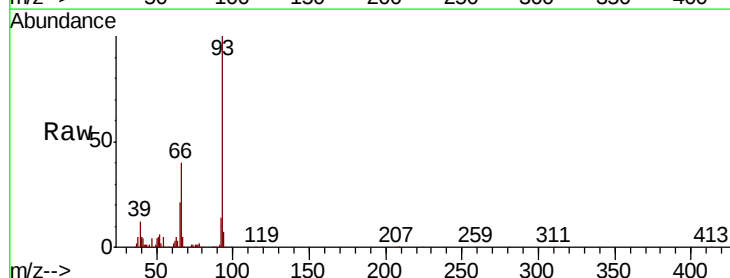
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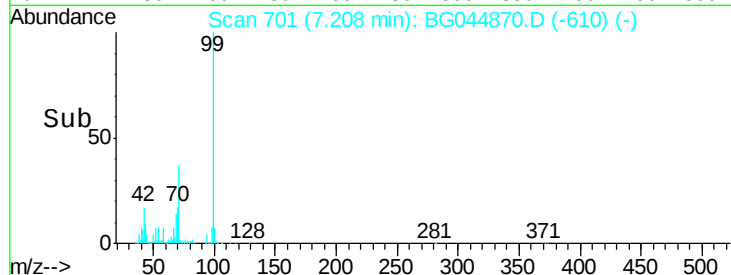
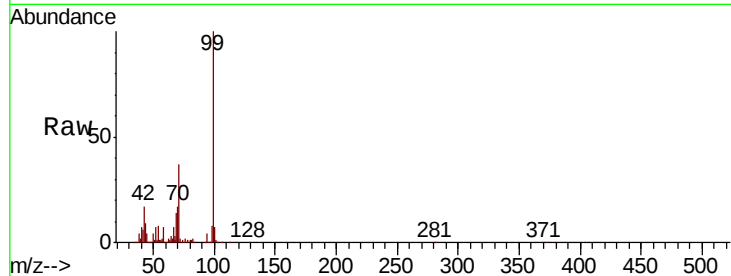
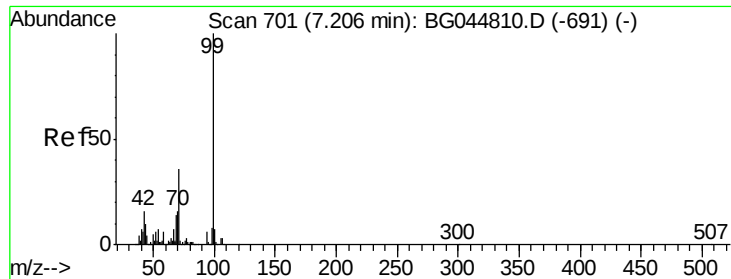
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	93	Resp:	327523
Ion Ratio	Lower	Upper	
93	100		
66	39.9	33.7	50.5
65	20.8	17.7	26.5





#7

Phenol-d6

Concen: 107.431 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tot Ion:	99	Resp:	963005
Ion Ratio	Lower	Upper	
99	100		
42	17.4	12.6	19.0
71	36.8	29.0	43.4

Instrument :

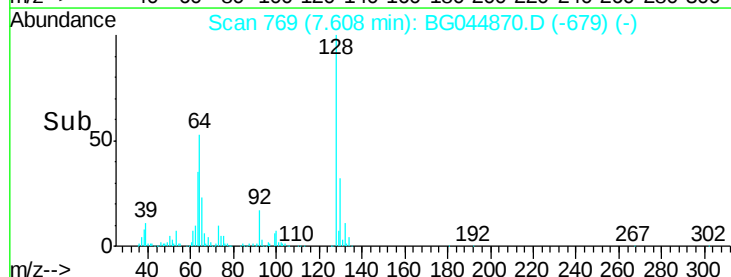
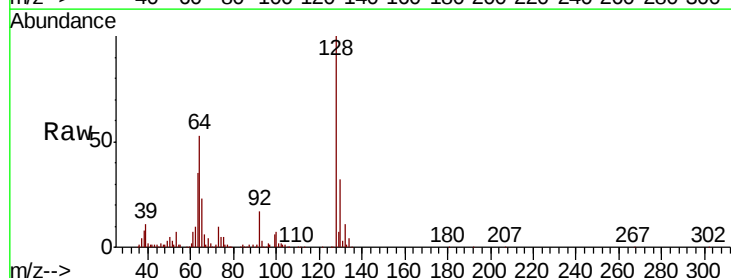
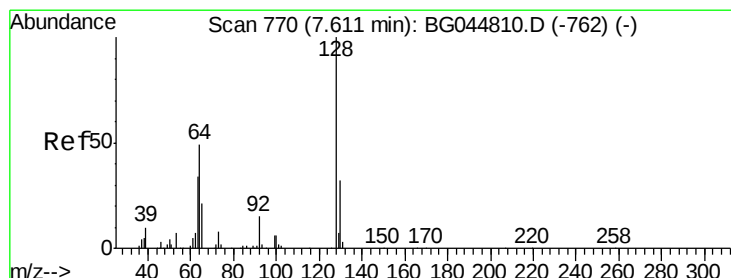
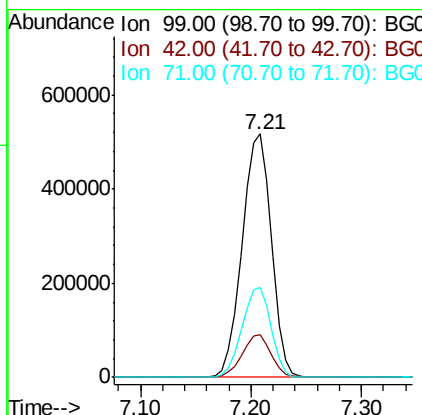
BNA_G

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#8

2-Chlorophenol

Concen: 41.398 ng

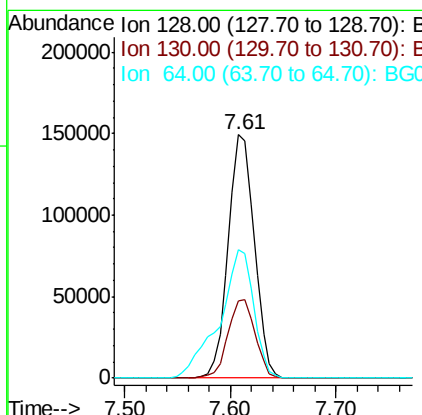
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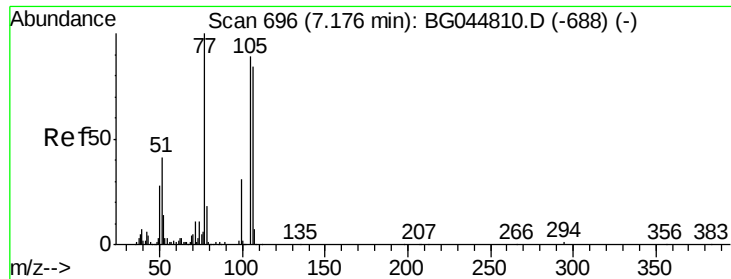
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	128	Resp:	254962
Ion Ratio	Lower	Upper	
128	100		
130	31.9	11.6	51.6
64	52.9	34.5	74.5





#9

Benzaldehyde

Concen: 16.956 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

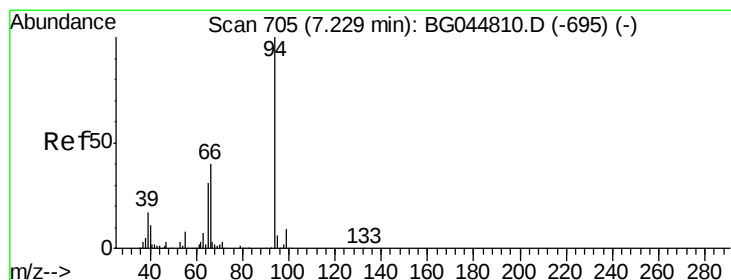
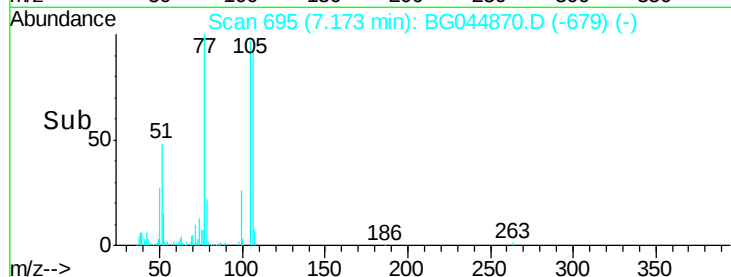
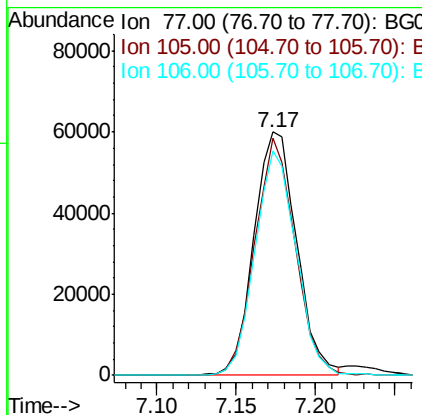
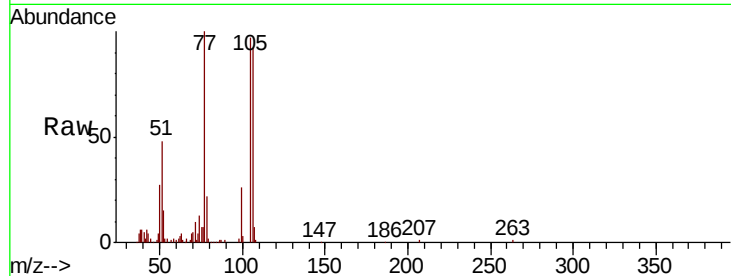
ClientSampleId :

PB127635BSD

Tot Ion:	77	Resp:	112200
Ion	Ratio	Lower	Upper
77	100		
105	97.4	69.3	109.3
106	92.3	64.5	104.5

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#10

Phenol

Concen: 40.307 ng

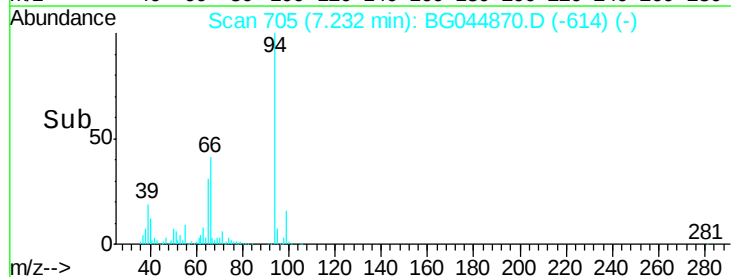
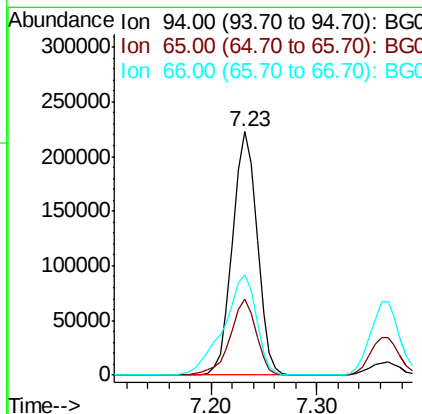
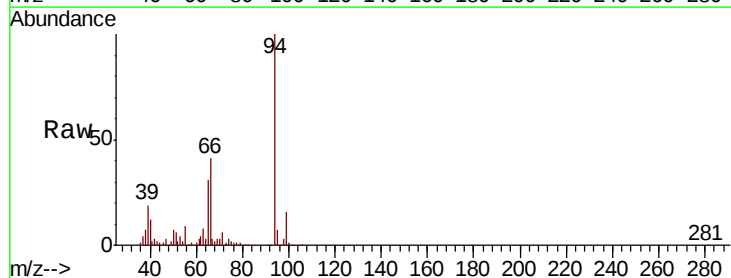
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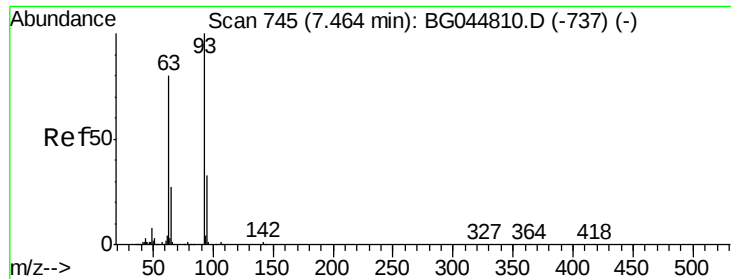
Delta R.T. 0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	94	Resp:	357708
Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.0	51.0
66	41.1	20.1	60.1





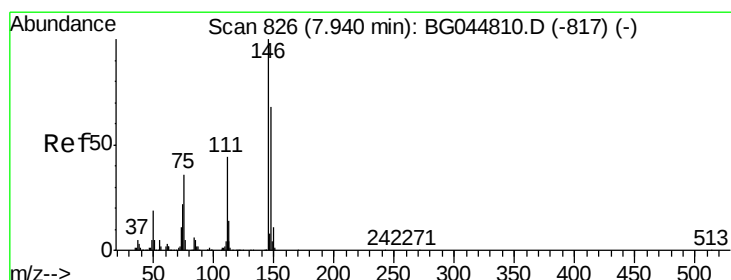
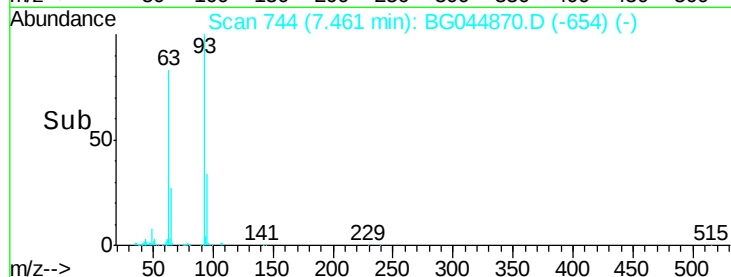
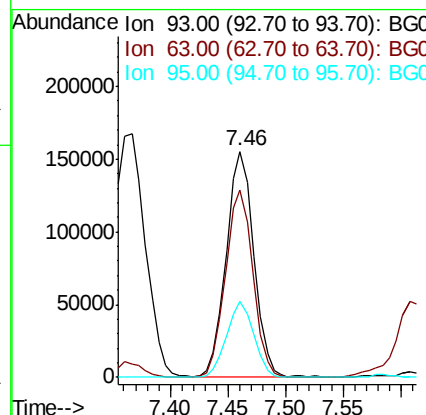
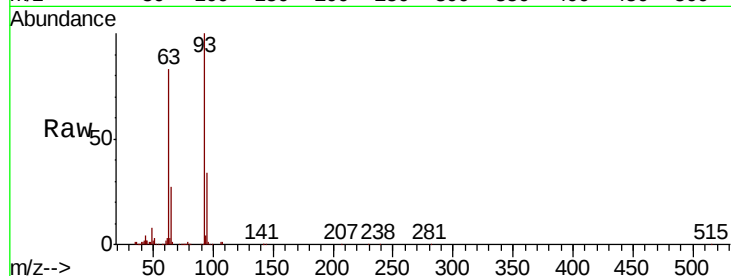
#11
bis(2-Chloroethyl)ether
Concen: 36.322 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	59.7	99.7
95	33.6	13.1	53.1

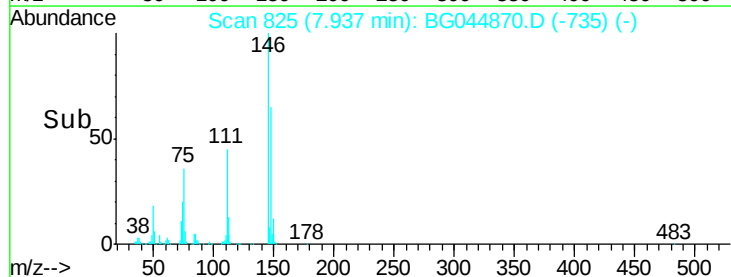
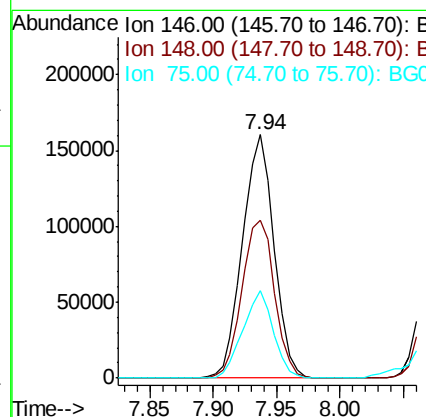
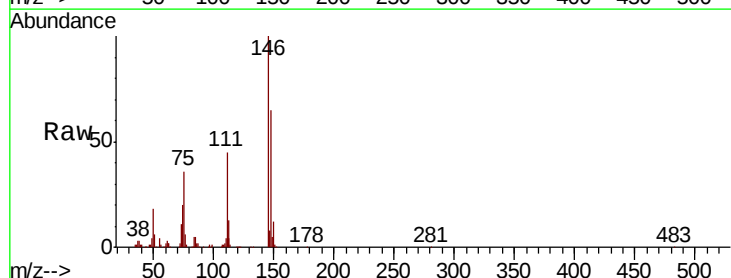
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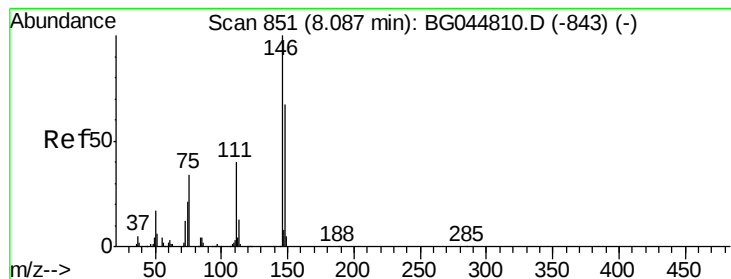
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.332 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	54.2	81.4
75	36.0	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 37.471 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

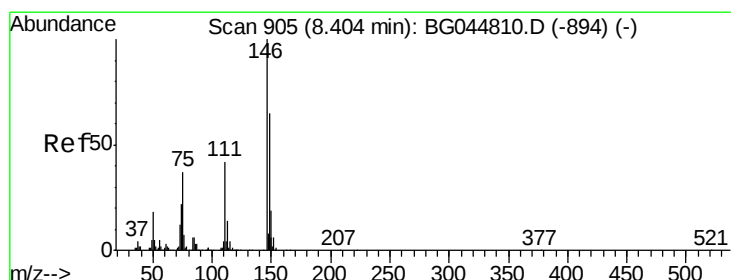
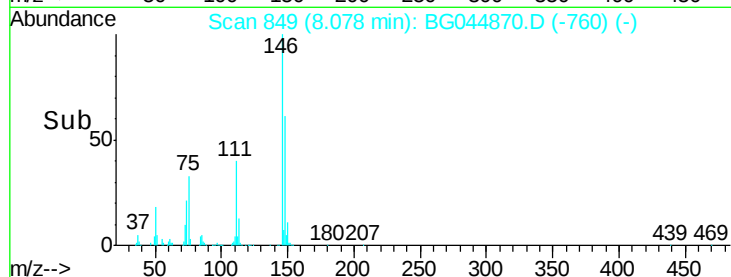
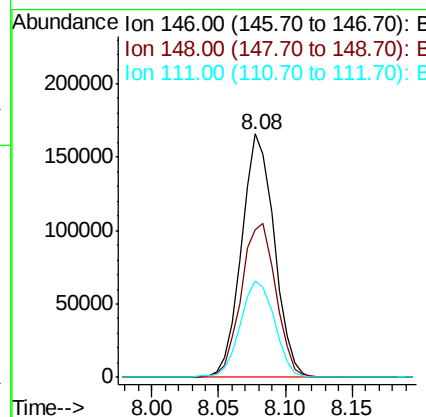
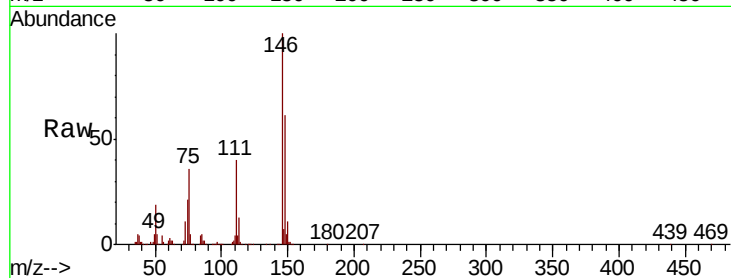
ClientSampleId :

PB127635BSD

Tot Ion:	146	Resp:	281053
Ion Ratio	Lower	Upper	
146	100		
148	60.7	53.8	80.6
111	39.8	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 36.932 ng

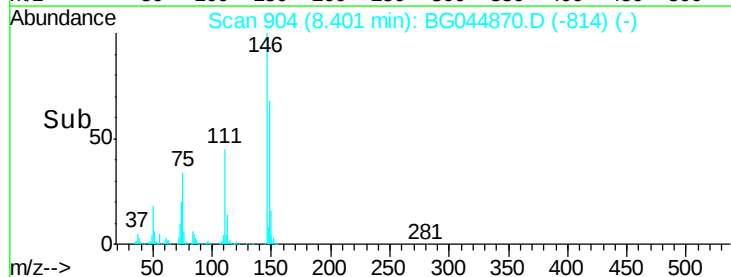
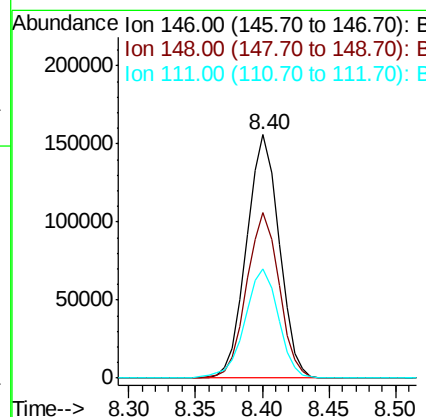
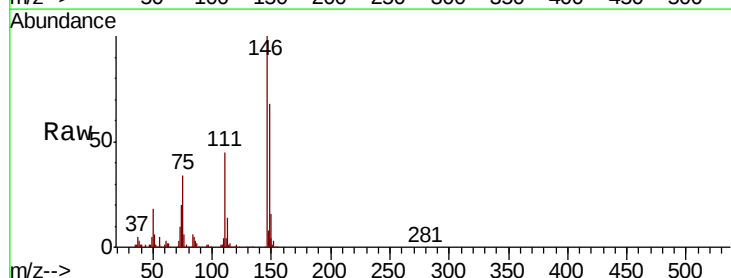
RT: 8.40 min Scan# 904

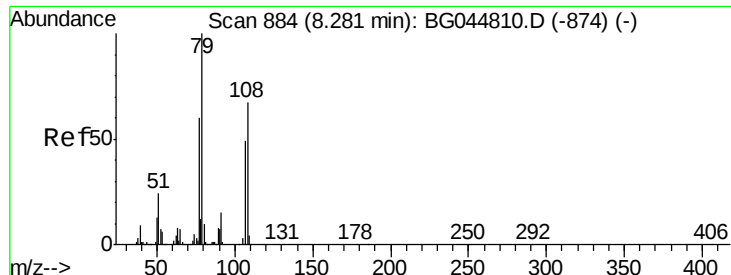
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	146	Resp:	262712
Ion Ratio	Lower	Upper	
146	100		
148	67.9	52.1	78.1
111	45.1	33.4	50.2





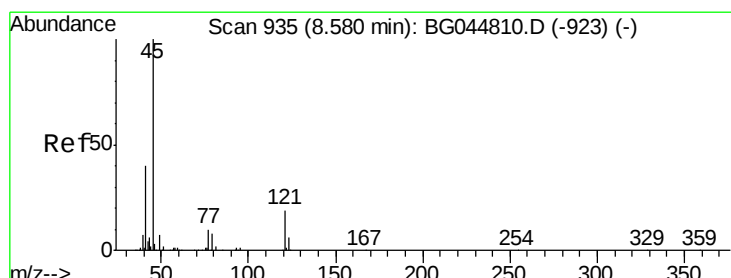
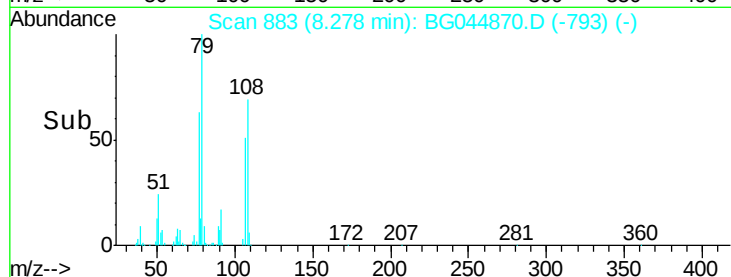
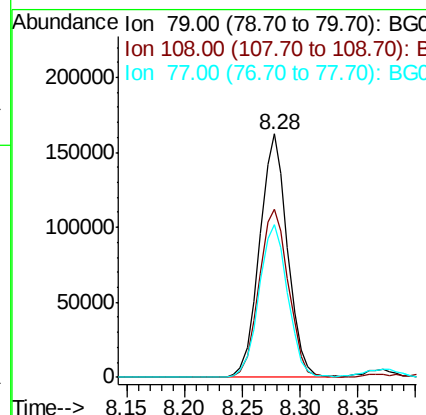
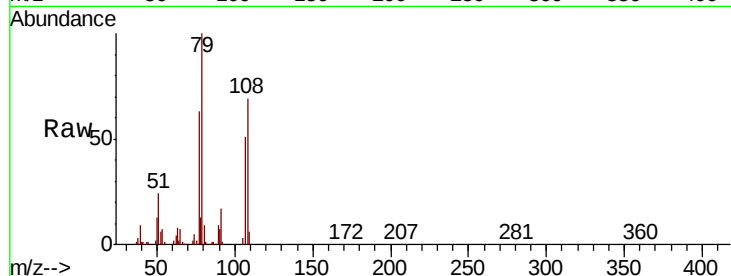
#15
Benzyl Alcohol
Concen: 38.034 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.1	53.8	80.8
77	62.6	47.8	71.8

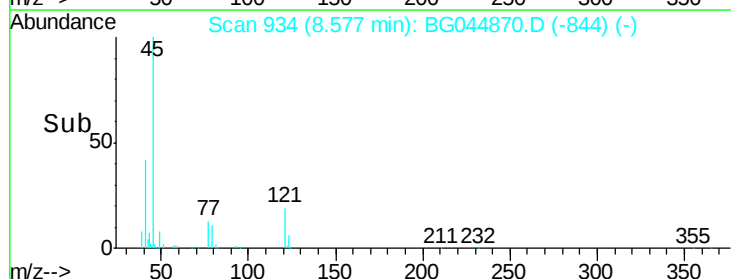
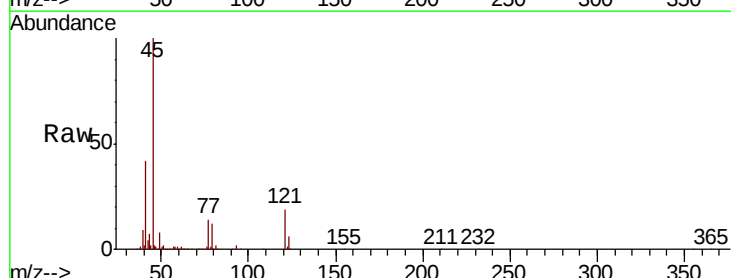
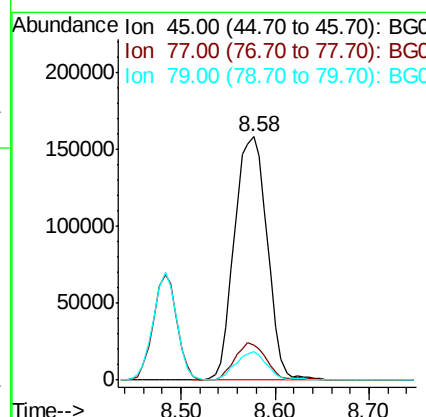
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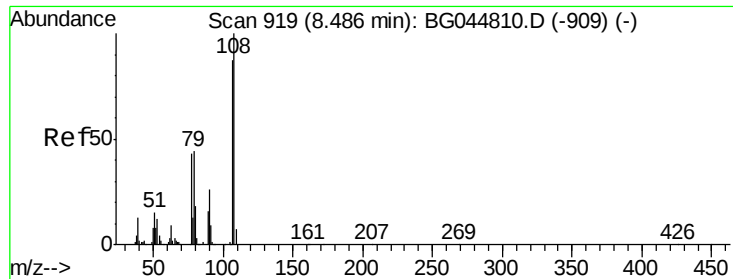
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.623 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.9
79	11.7	0.0	30.8





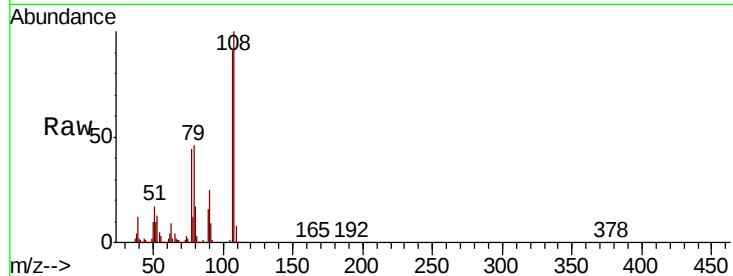
#17
2-Methylphenol
Concen: 40.074 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

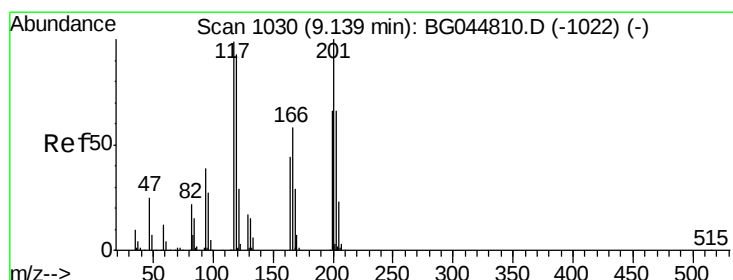
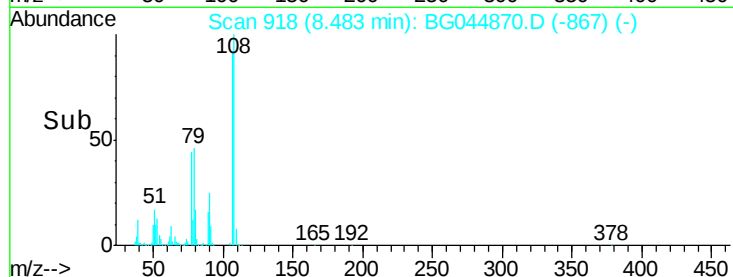
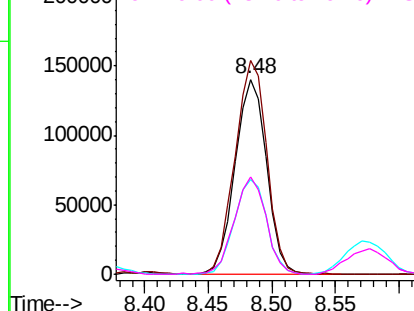
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.8	137.8	
77	48.6	40.0	60.0	
79	50.2	40.2	60.2	

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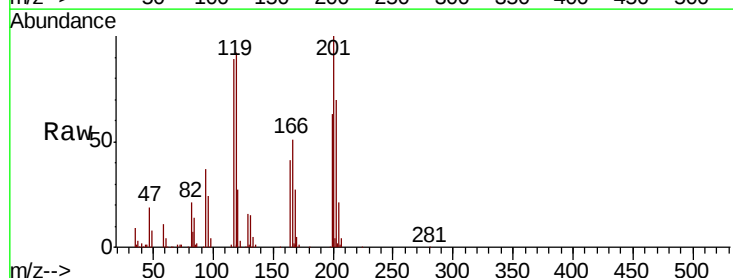


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

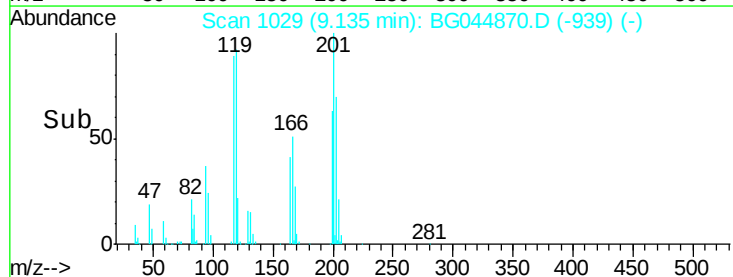
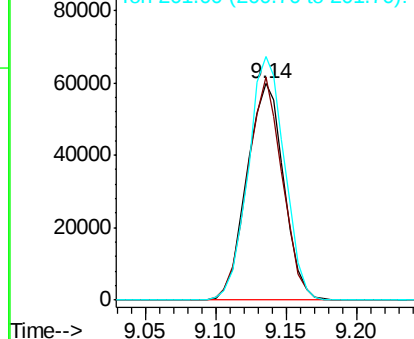


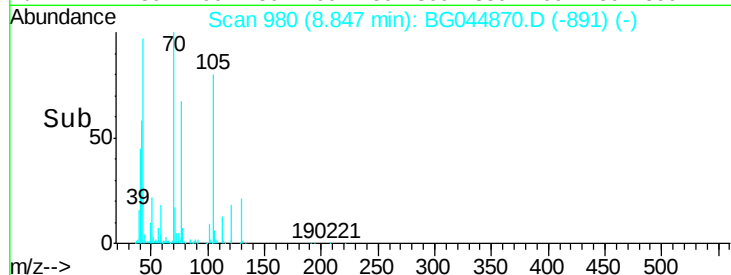
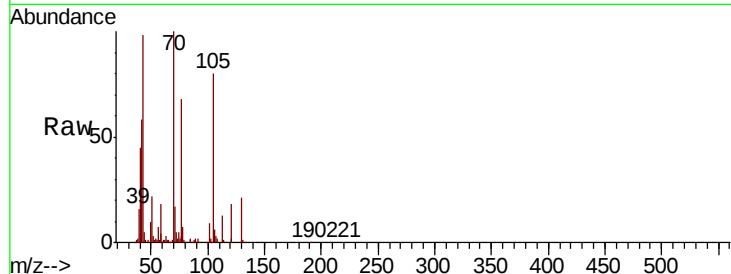
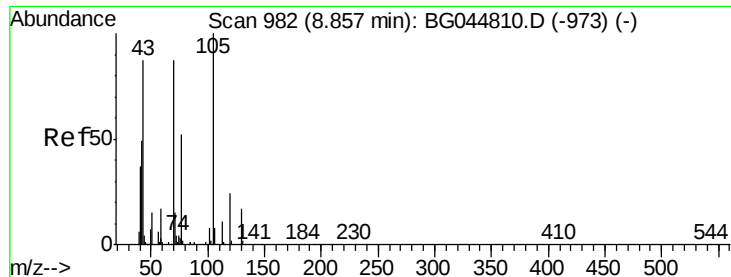
#18
Hexachloroethane
Concen: 37.090 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.3	75.2	112.8	
201	112.6	81.1	121.7	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





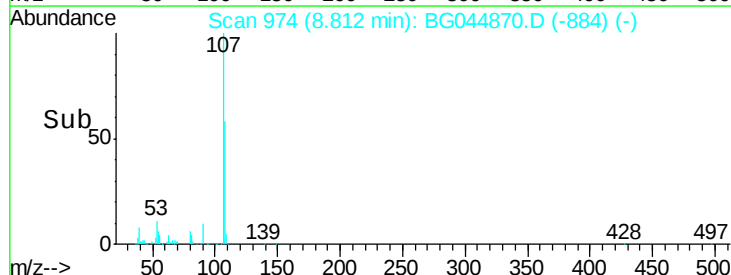
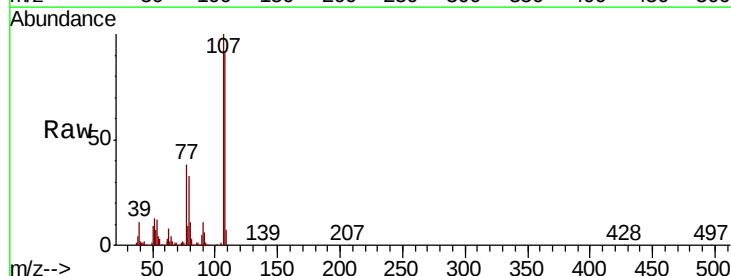
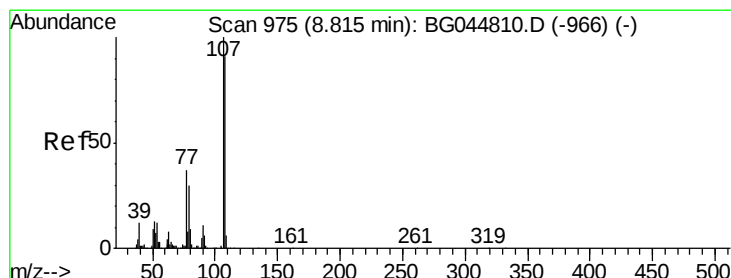
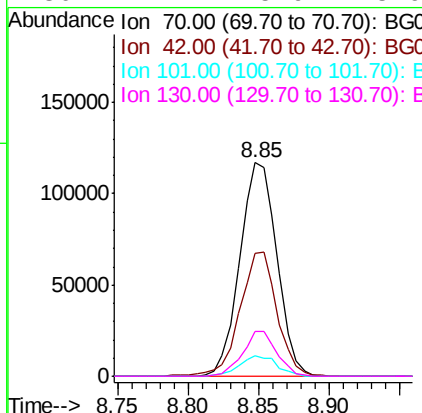
#19
n-Nitroso-di-n-propylamine
Concen: 33.910 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	45.7	68.5	
101	9.4	7.4	11.2	
130	21.1	15.9	23.9	

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

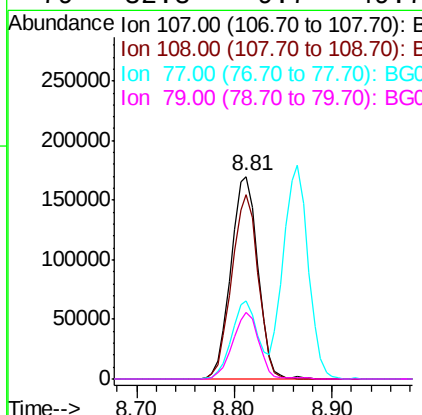
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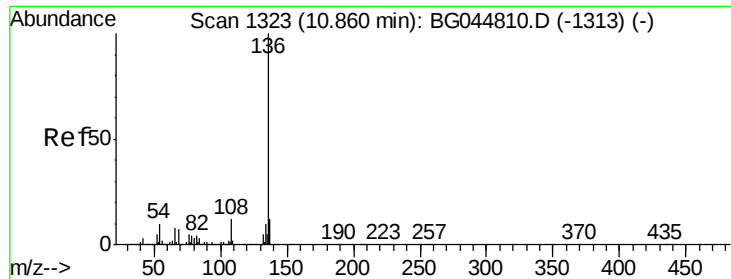
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#20
3+4-Methylphenols
Concen: 39.544 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	71.3	111.3	
77	38.2	16.9	56.9	
79	32.8	9.7	49.7	





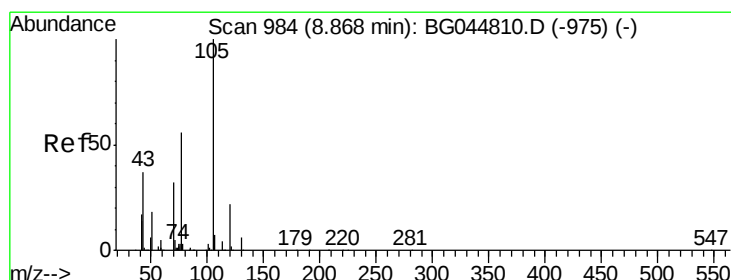
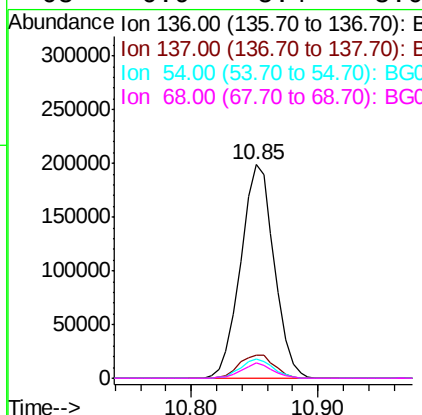
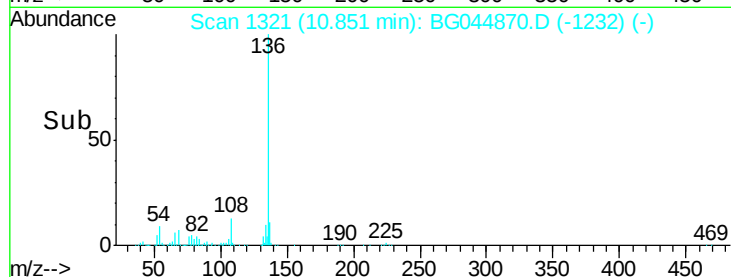
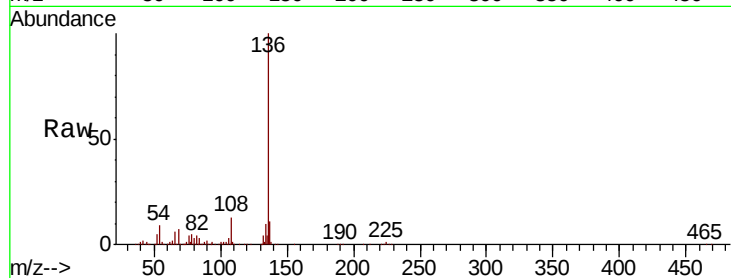
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.6		9.8	14.6	
54	9.1		7.9	11.9	
68	6.9		5.4	8.0	

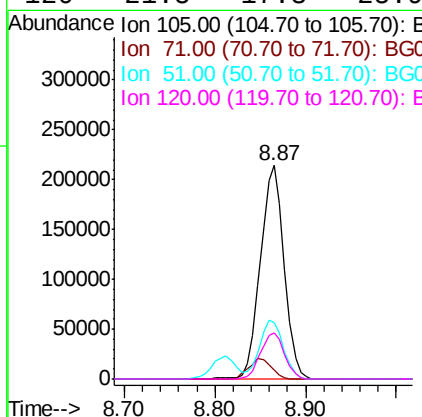
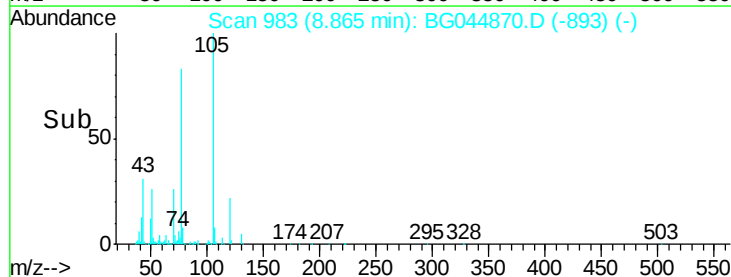
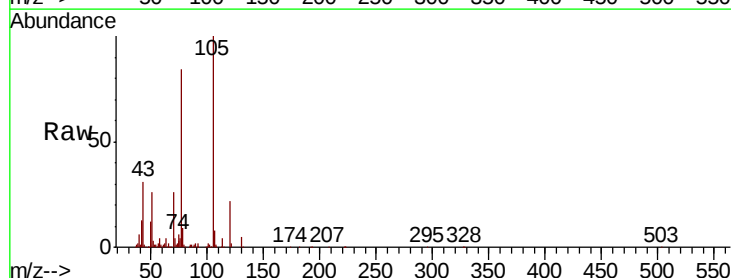
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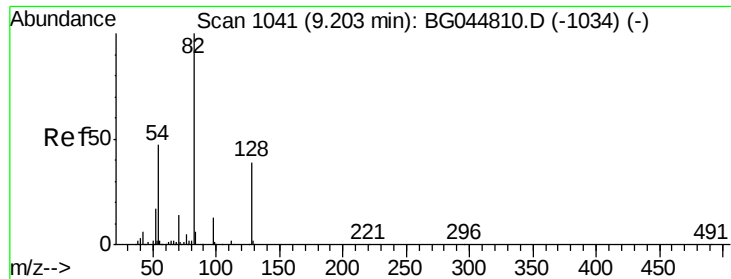
mohammad
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#22
Acetophenone
Concen: 37.873 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.5		3.9	5.9	
51	26.2		22.6	33.8	
120	21.5		17.3	25.9	





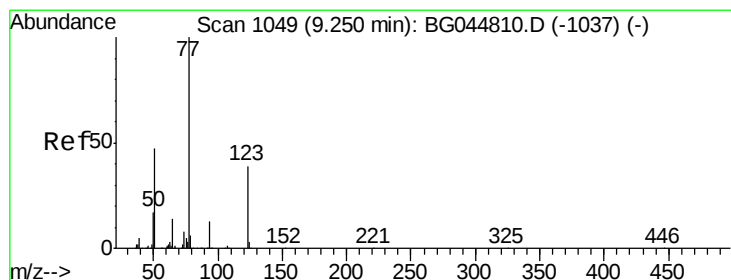
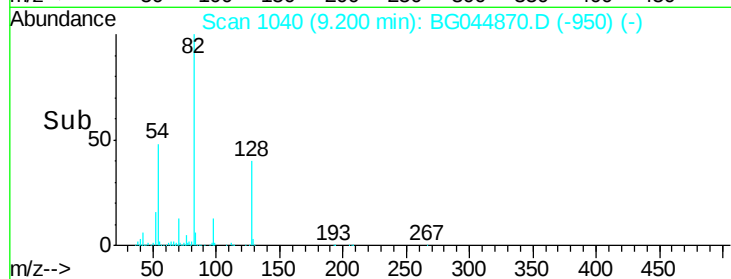
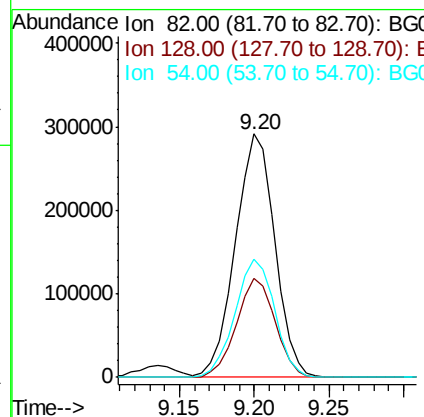
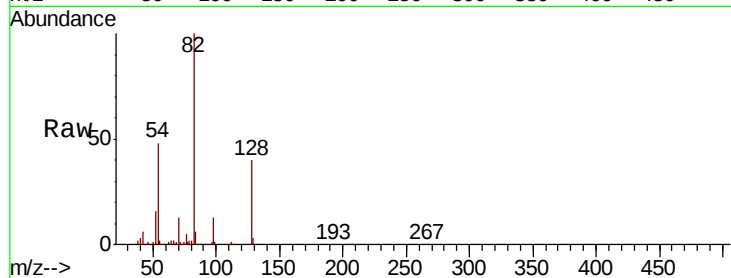
#23
 Nitrobenzene-d5
 Concen: 64.677 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.6	46.0
54	48.4	37.1	55.7

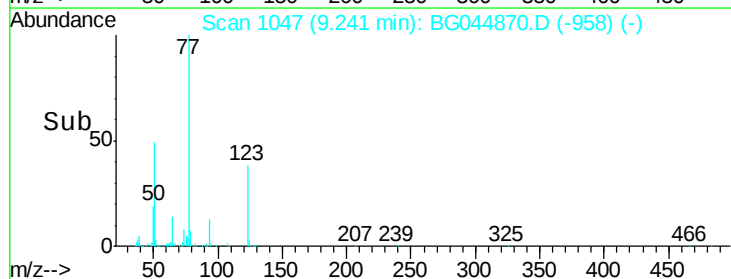
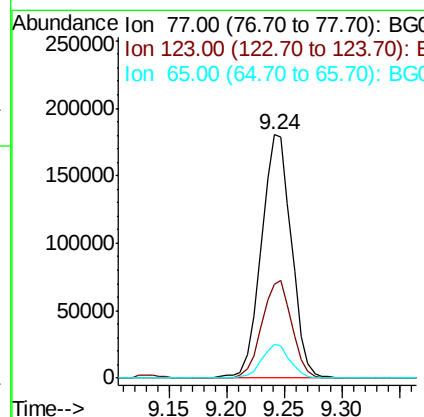
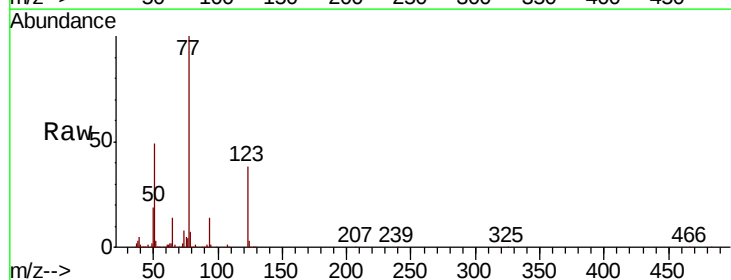
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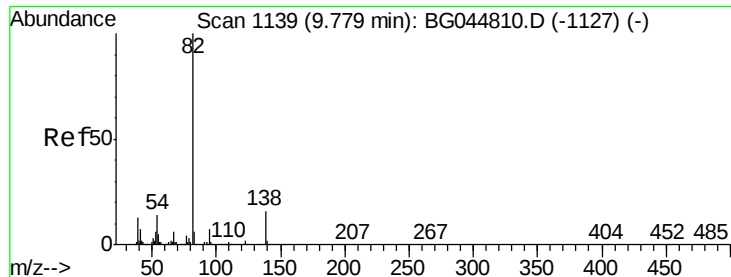
mohammad
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#24
 Nitrobenzene
 Concen: 38.202 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	31.3	46.9
65	13.8	11.4	17.0





#25

Isophorone

Concen: 37.056 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

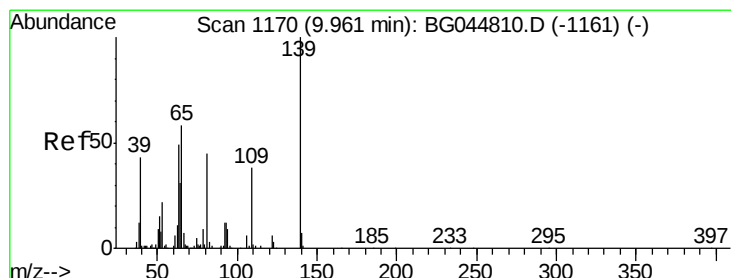
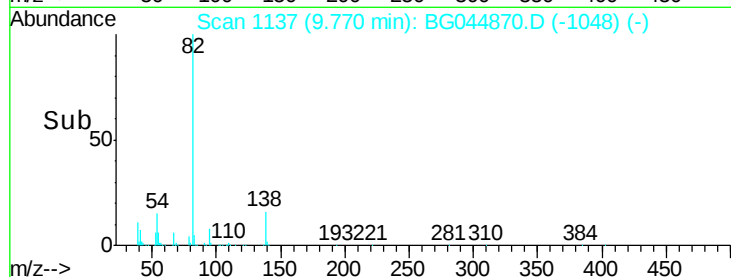
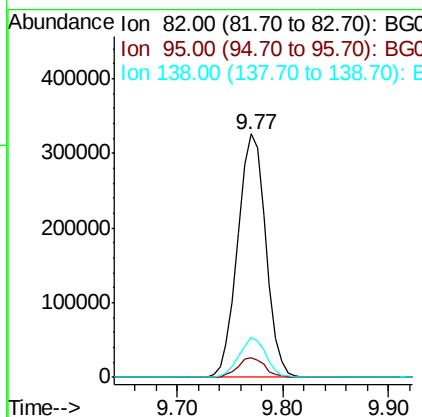
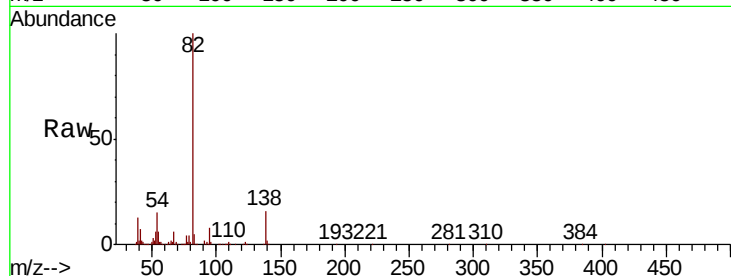
ClientSampleId :

PB127635BSD

Tot Ion:	82	Resp:	598317
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.5	8.3
138	16.3	12.5	18.7

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#26

2-Nitrophenol

Concen: 47.948 ng

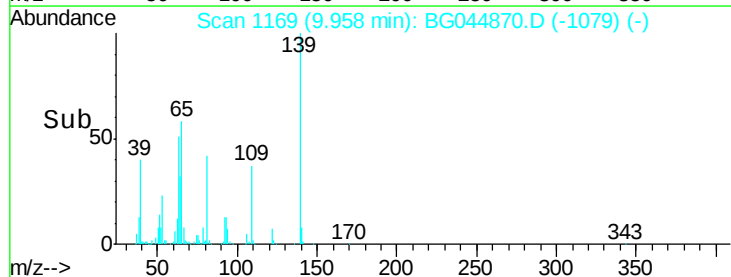
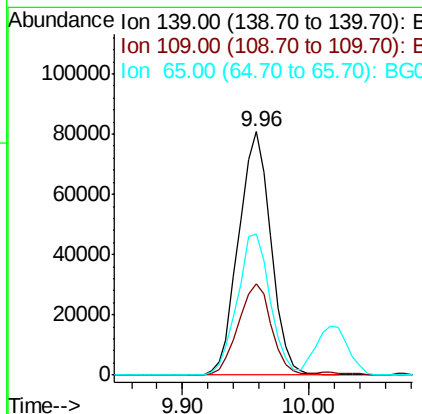
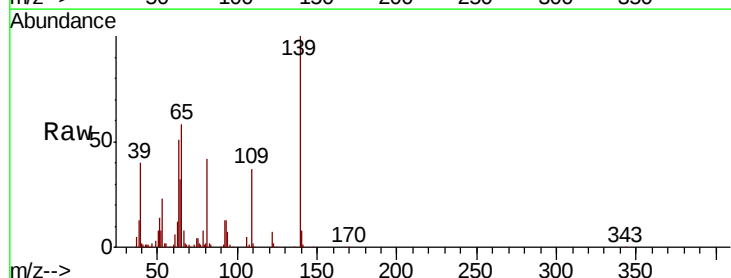
RT: 9.96 min Scan# 1169

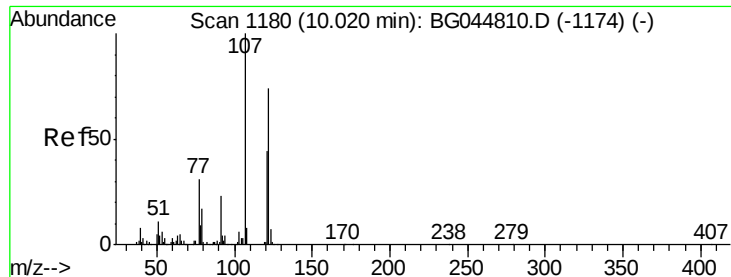
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	139	Resp:	142872
Ion Ratio	Lower	Upper	
139	100		
109	37.4	30.2	45.4
65	57.9	46.3	69.5





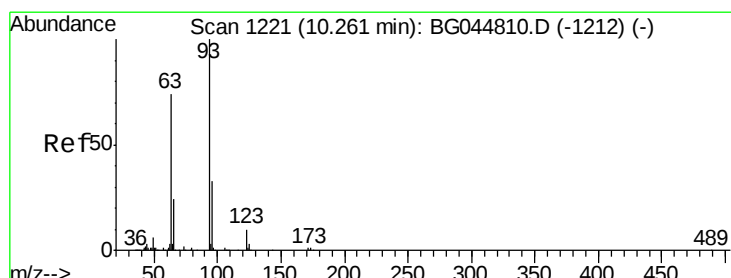
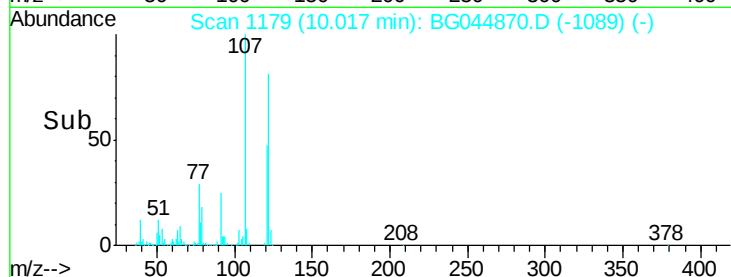
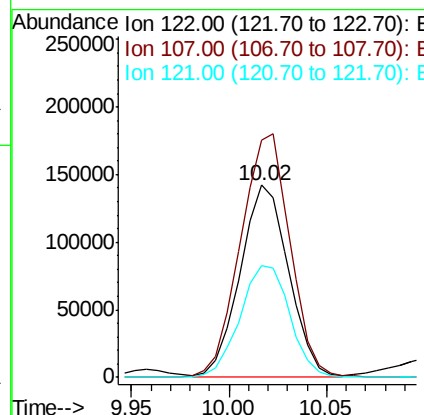
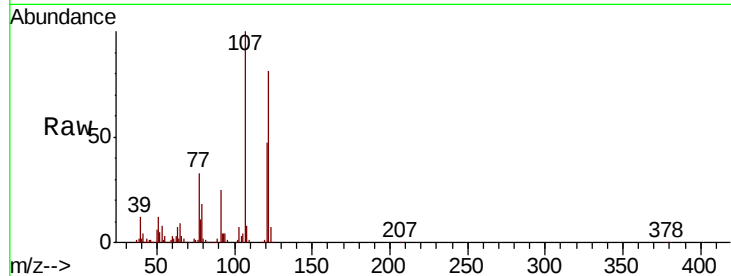
#27
2,4-Dimethylphenol
Concen: 46.463 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	244311		
107	123.3	107.1	160.7	
121	58.4	46.8	70.2	

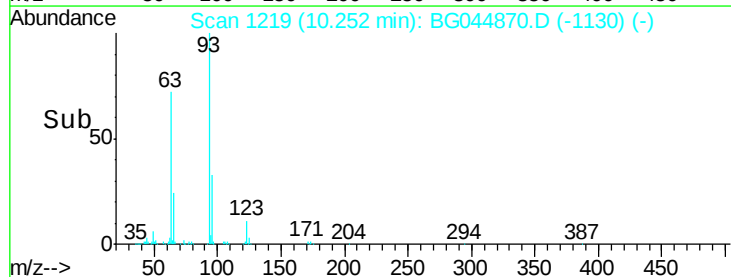
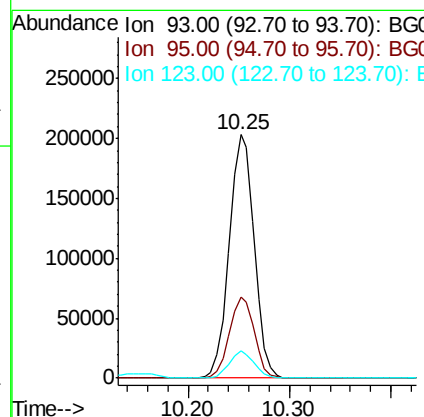
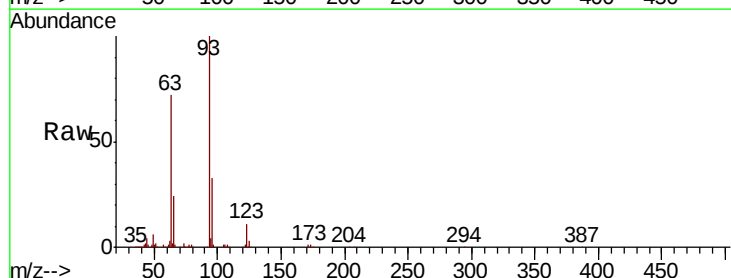
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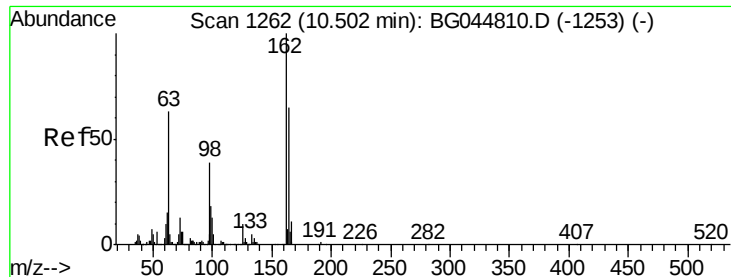
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#28
bis(2-Chloroethoxy)methane
Concen: 35.875 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	345685		
95	33.3	26.4	39.6	
123	11.3	8.4	12.6	





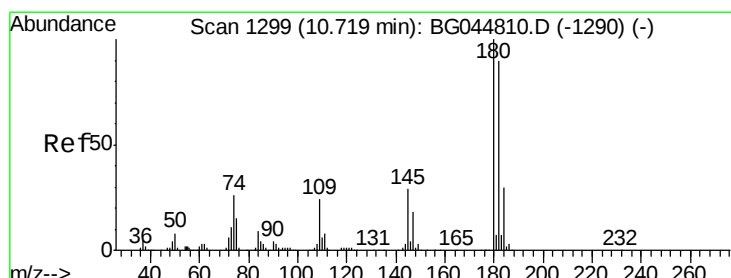
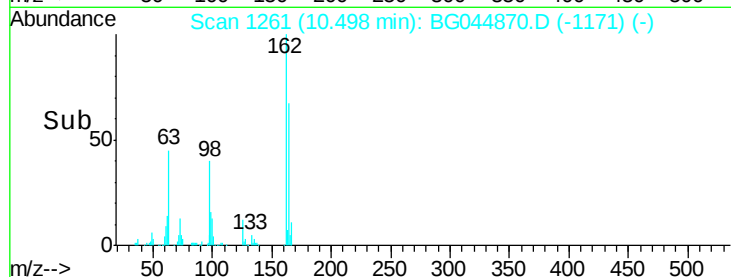
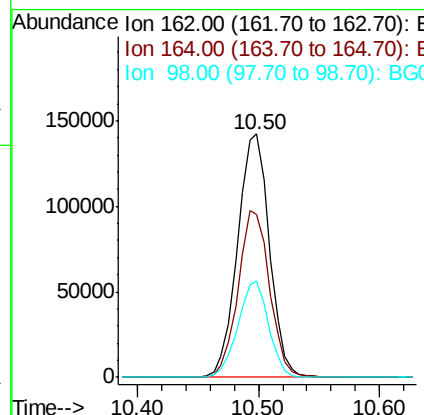
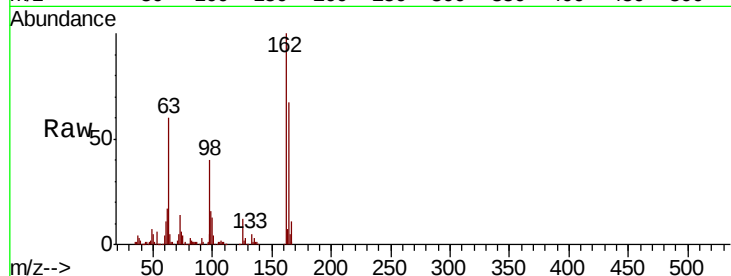
#29
 2,4-Dichlorophenol
 Concen: 42.596 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	261606		
164	67.2	45.2	85.2	
98	39.5	19.0	59.0	

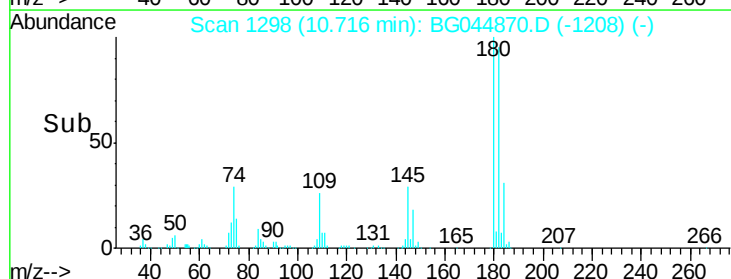
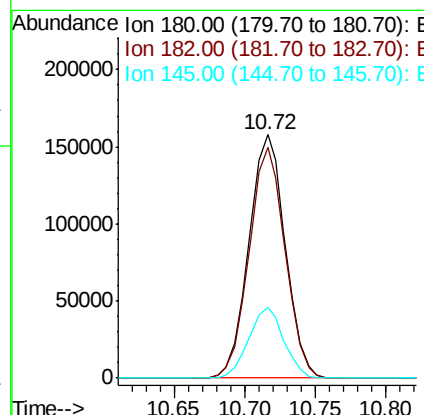
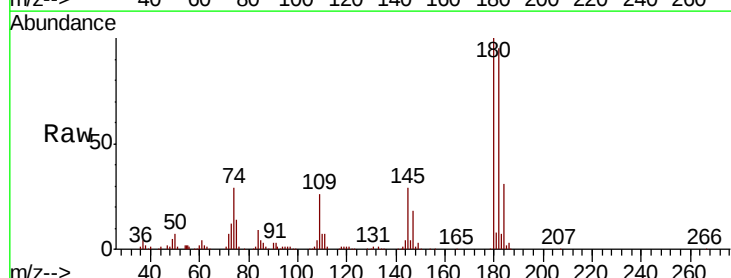
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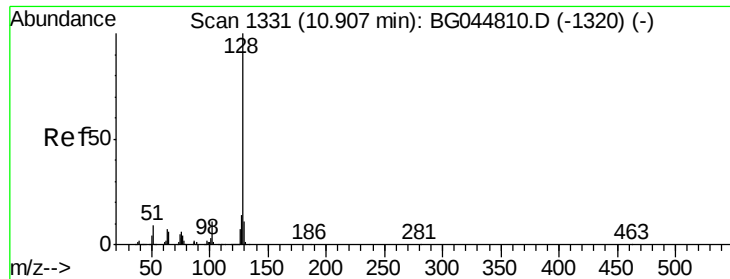
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.663 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	283926		
182	95.1	71.6	107.4	
145	28.9	23.4	35.0	





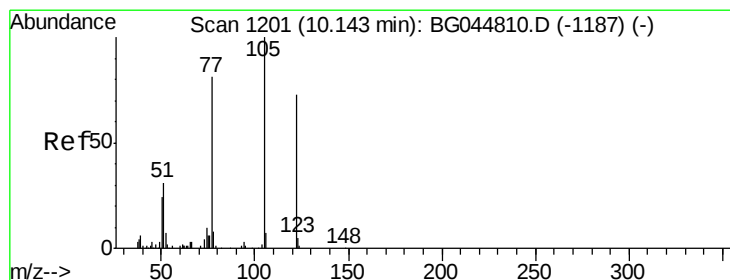
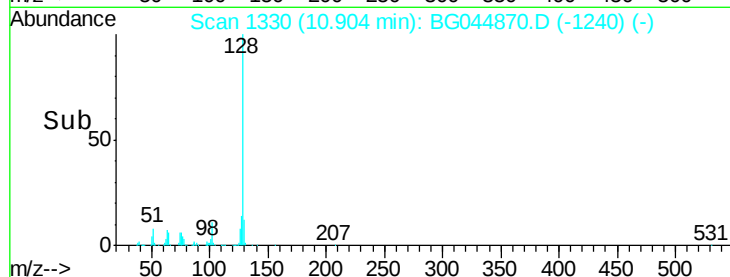
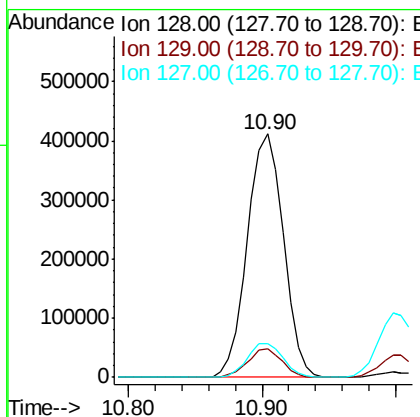
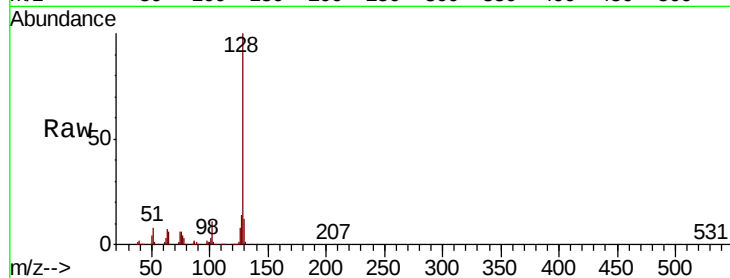
#31
Naphthalene
Concen: 38.219 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.9	10.8	16.2

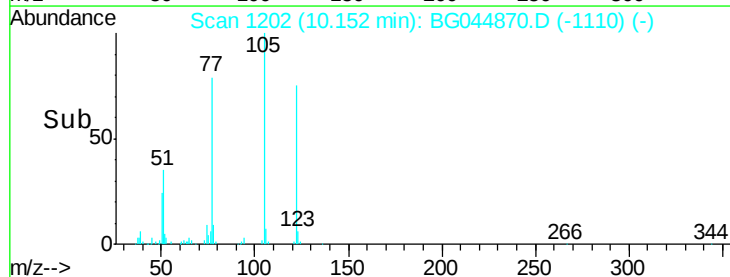
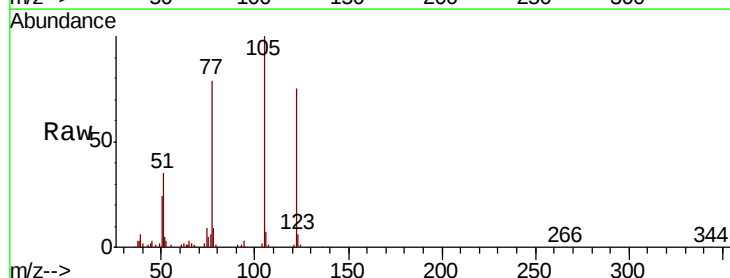
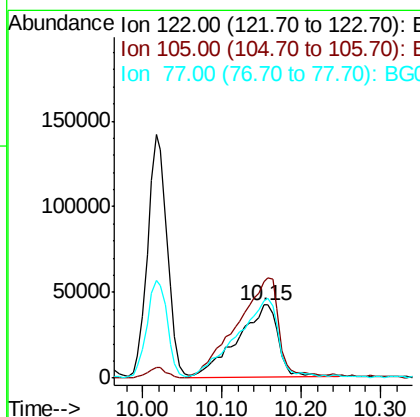
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#32
Benzoic acid
Concen: 39.458 ng
RT: 10.15 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	109.1	149.1
77	105.3	85.3	125.3





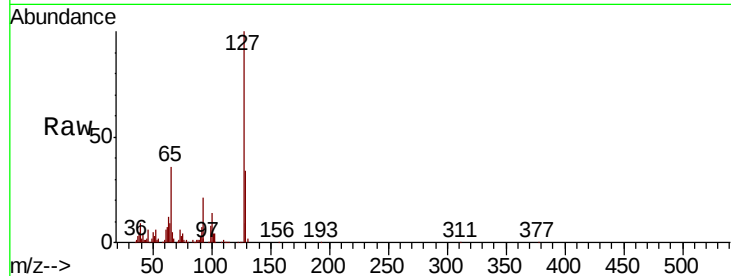
#33
4-Chloroaniline
Concen: 22.521 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

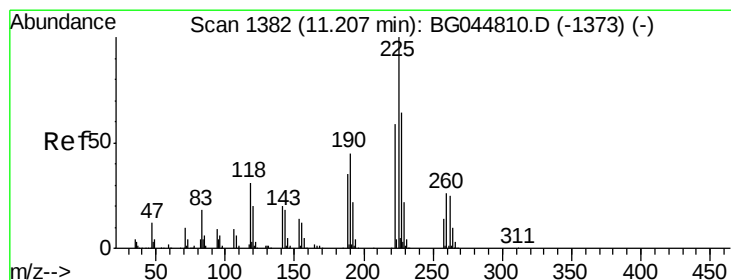
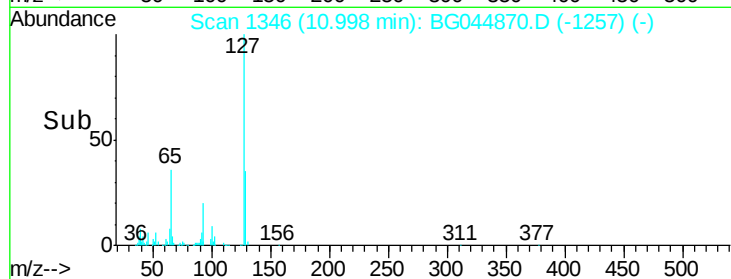
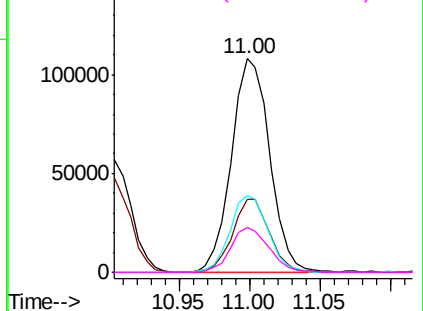
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.4	26.9	40.3		
65	36.0	27.7	41.5		
92	20.8	17.4	26.2		

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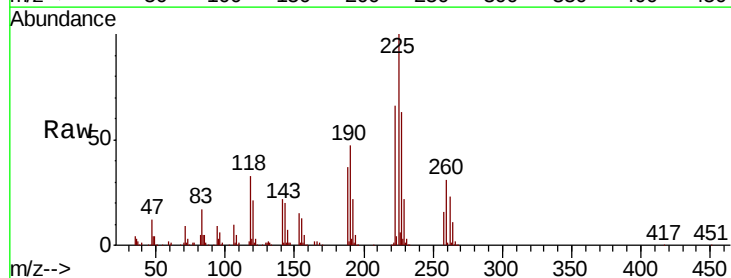


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

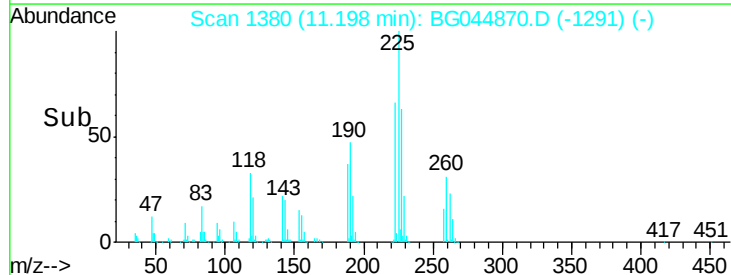
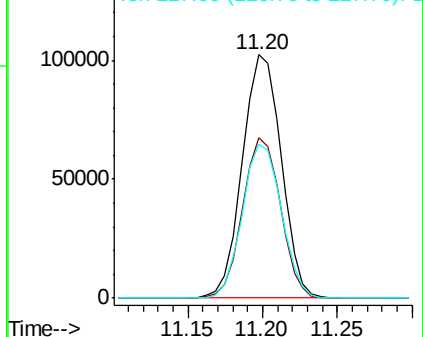


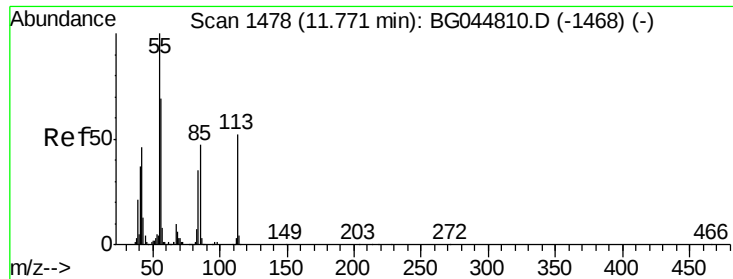
#34
Hexachlorobutadiene
Concen: 38.203 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.9	47.4	71.0		
227	63.0	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.281 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

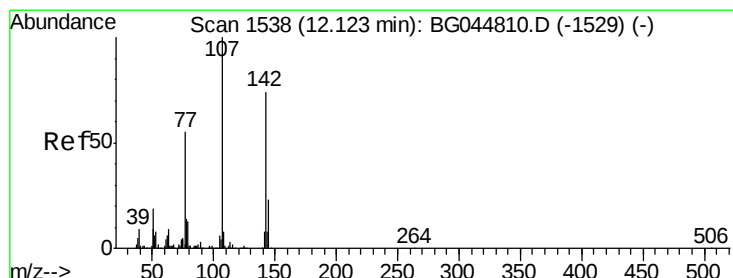
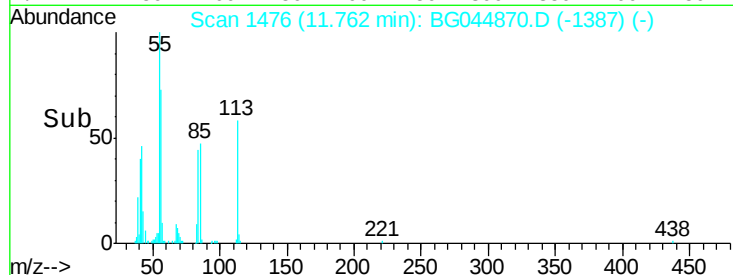
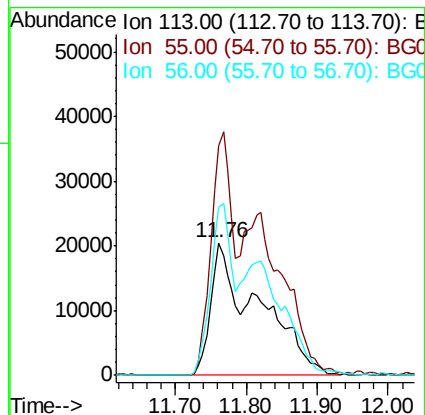
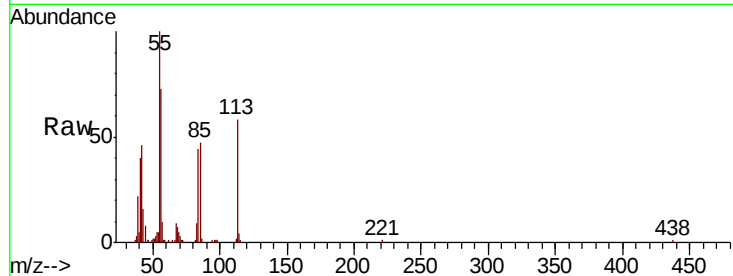
ClientSampleId :

PB127635BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.4	173.8	213.8#
56	126.8	113.8	153.8

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#36

4-Chloro-3-methylphenol

Concen: 40.571 ng/mL

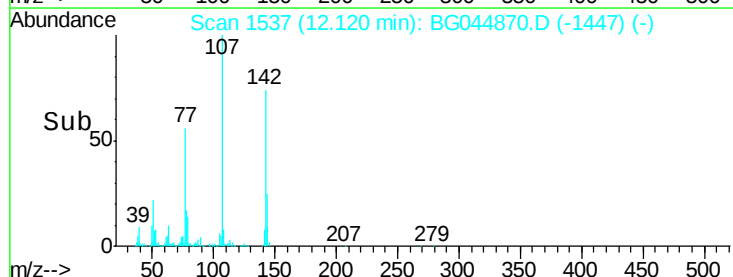
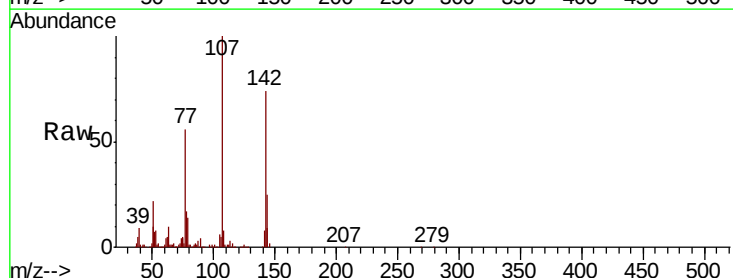
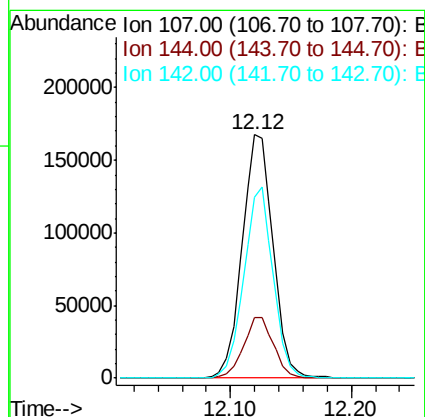
RT: 12.12 min Scan# 1537

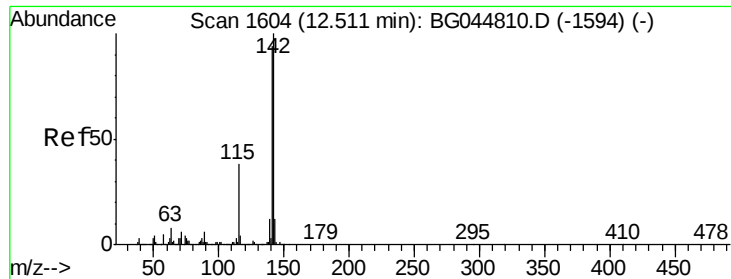
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	18.0	27.0
142	74.3	59.0	88.4





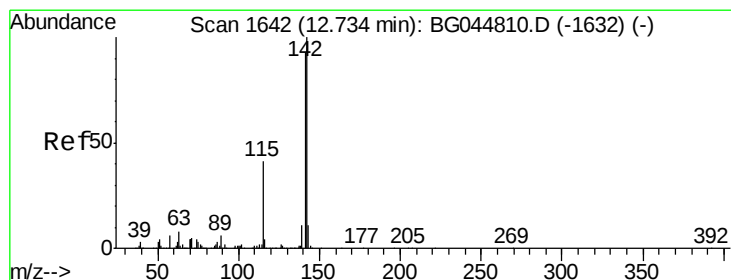
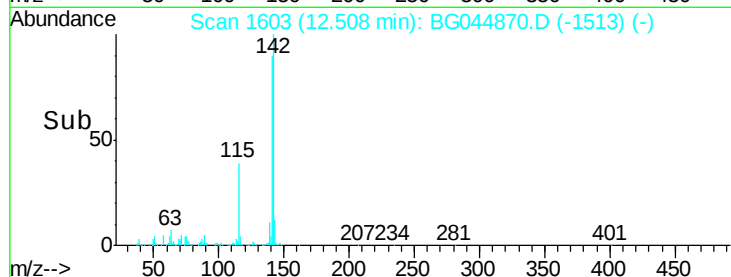
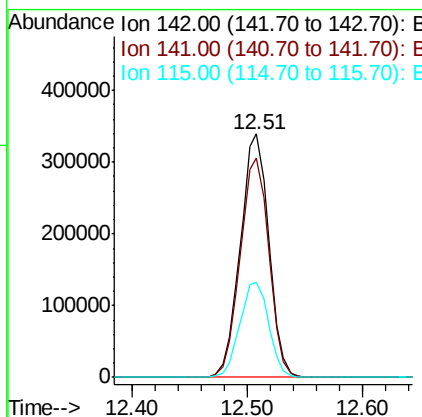
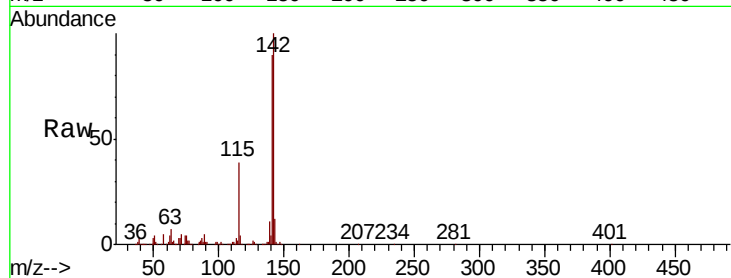
#37
 2-Methylnaphthalene
 Concen: 38.554 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	75.1	112.7
115	39.0	30.6	46.0

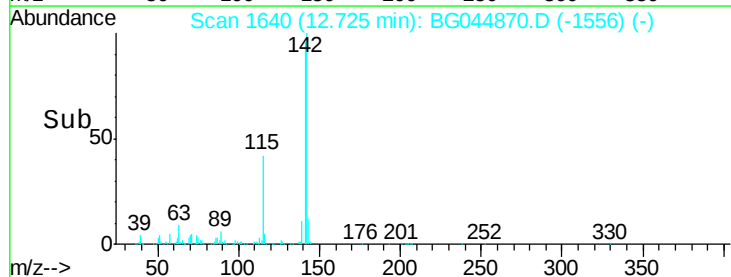
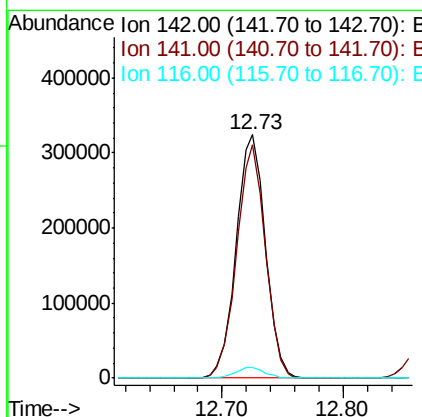
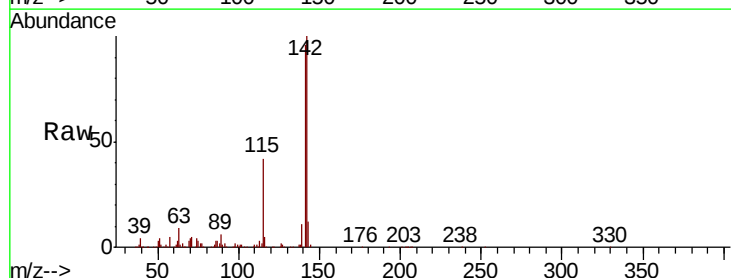
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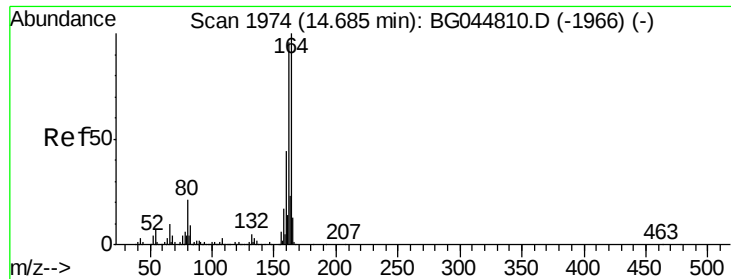
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#38
 1-Methylnaphthalene
 Concen: 38.547 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	74.7	112.1
116	4.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

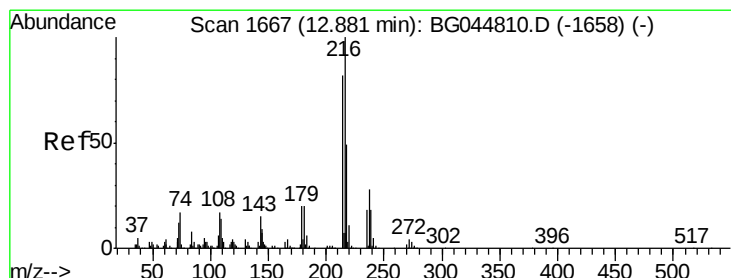
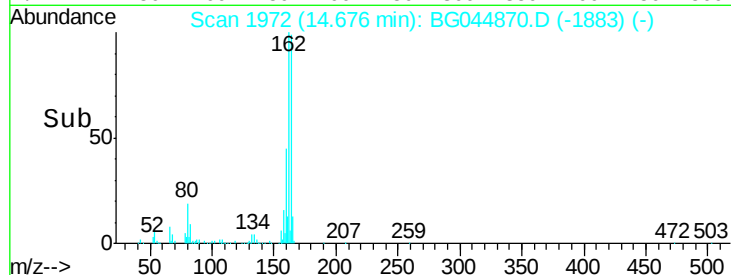
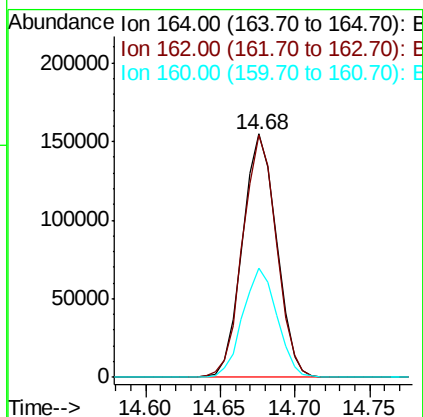
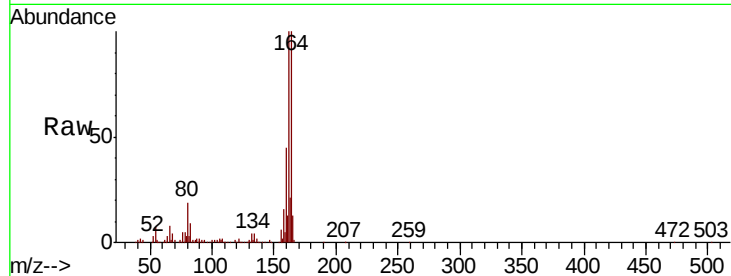
ClientSampleId :

PB127635BSD

Tot Ion:	164	Resp:	244399
Ion Ratio	Lower	Upper	
164	100		
162	99.7	76.7	115.1
160	45.0	35.0	52.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.618 ng

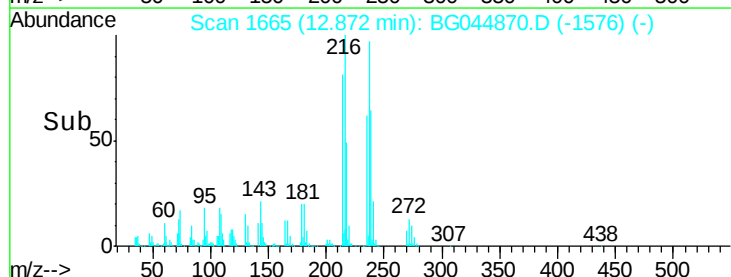
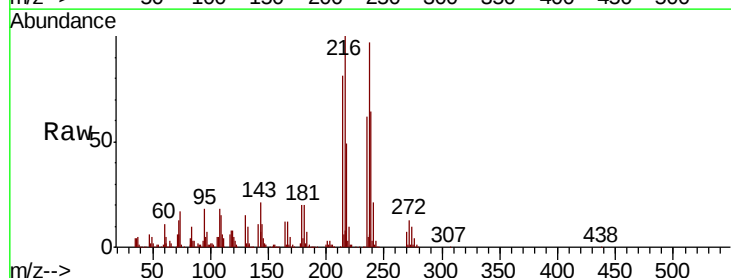
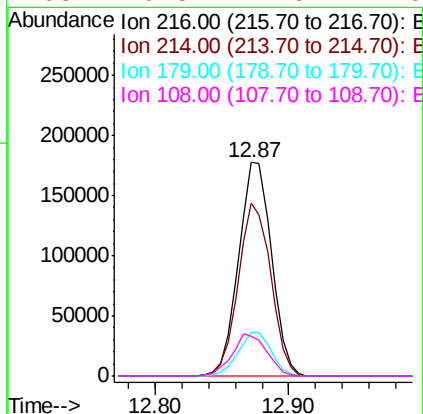
RT: 12.87 min Scan# 1665

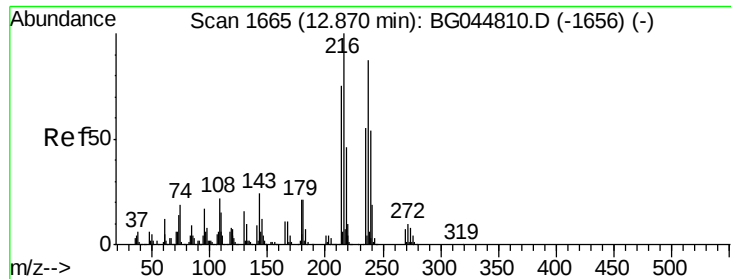
Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	216	Resp:	302783
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.8	95.6
179	20.4	16.2	24.2
108	20.8	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 95.376 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

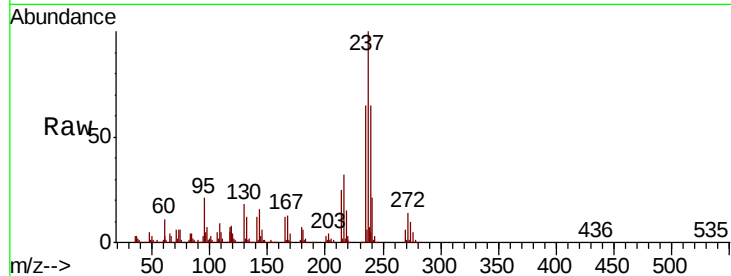
ClientSampleId :

PB127635BSD

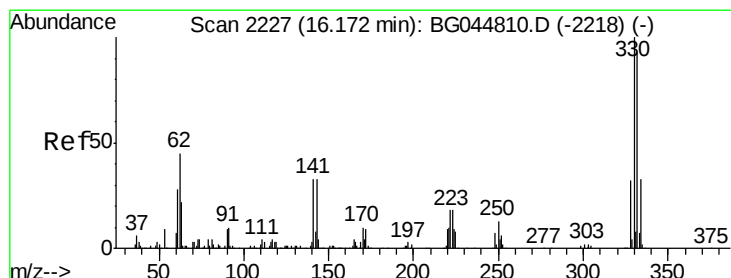
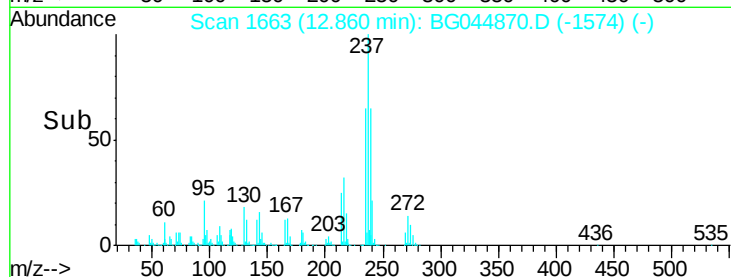
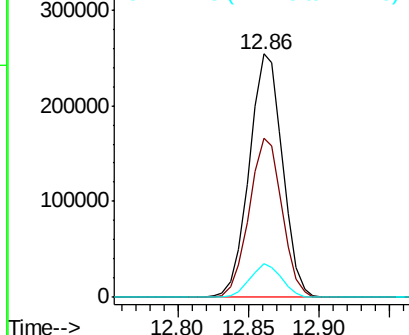
Tot Ion:	237	Resp:	419533
Ion Ratio	Lower	Upper	
237	100		
235	65.3	42.9	82.9
272	13.6	0.0	31.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.320 ng

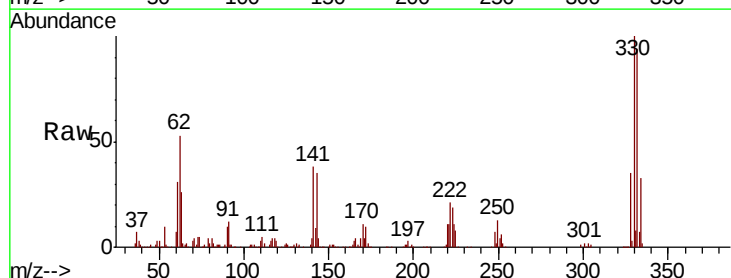
RT: 16.16 min Scan# 2225

Delta R.T. -0.01 min

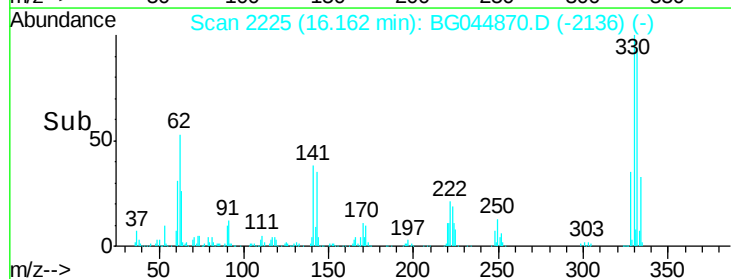
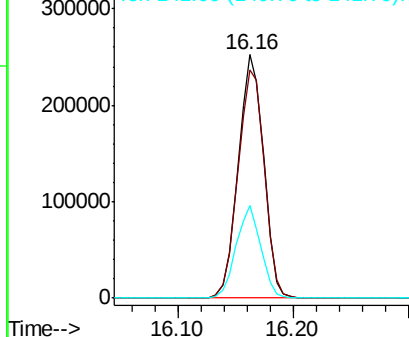
Lab File: BG044870.D

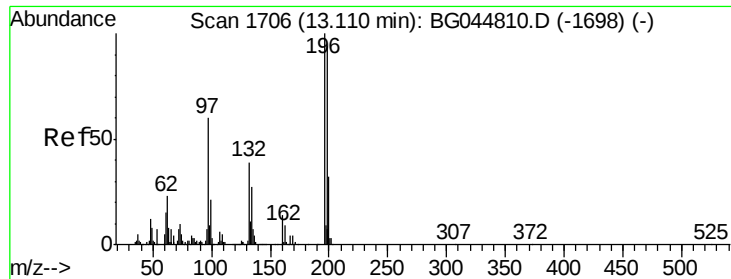
Acq: 18 Mar 2020 19:11

Tgt Ion:	330	Resp:	385027
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.8	116.6
141	36.8	29.5	44.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





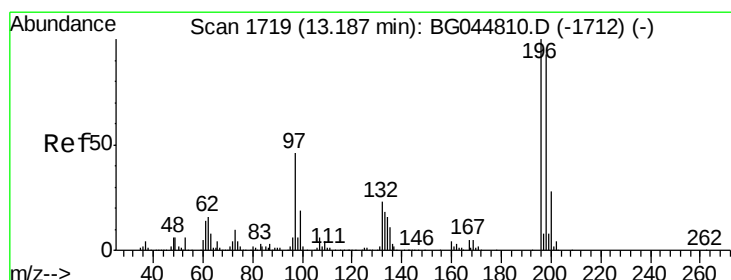
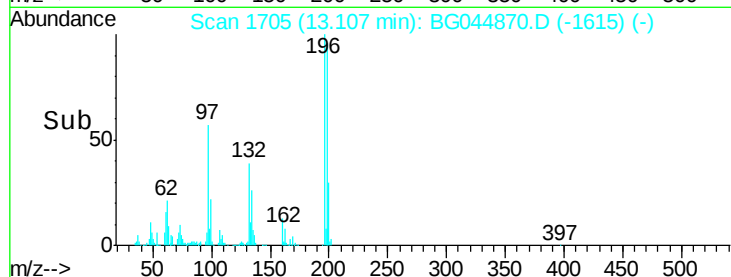
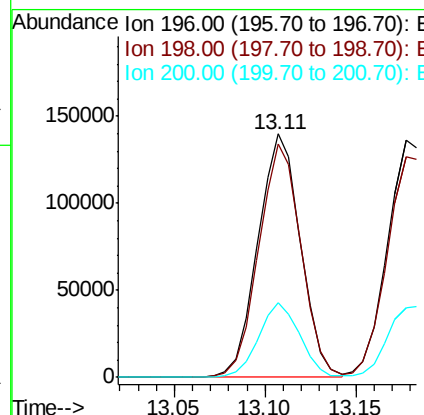
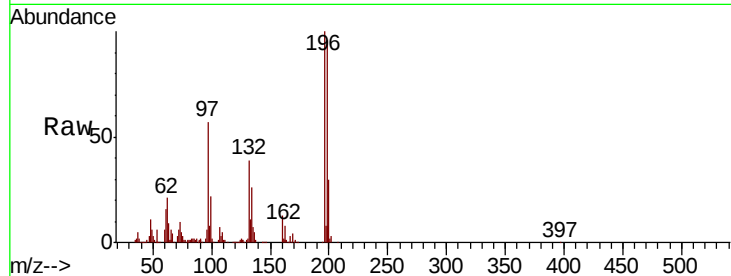
#43
 2,4,6-Trichlorophenol
 Concen: 42.938 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229357		
198	95.9	74.9	112.3	
200	30.5	25.8	38.6	

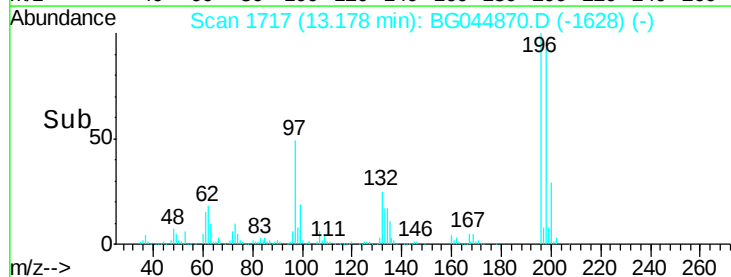
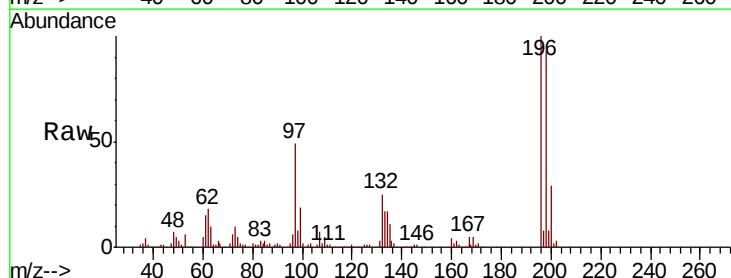
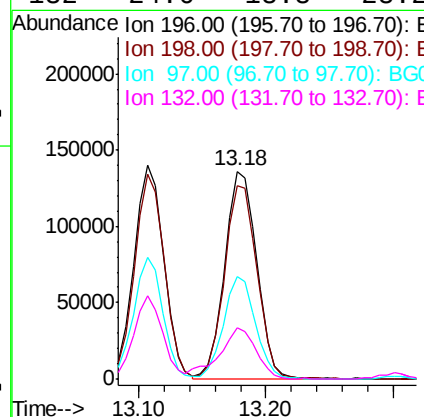
Manual Integrations
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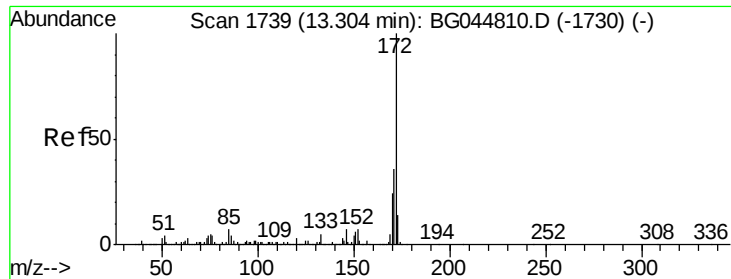
mohammad
 3/19/2020 12:34:48 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.989 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238138		
198	93.2	74.2	111.4	
97	49.0	36.7	55.1	
132	24.6	18.8	28.2	





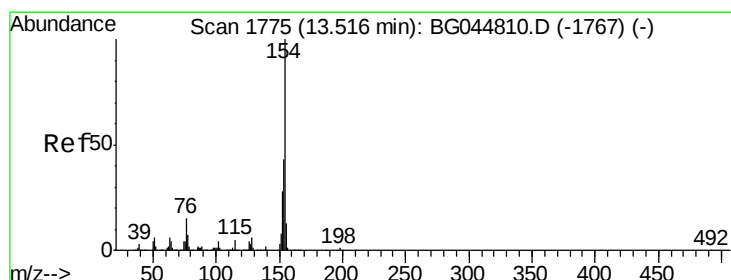
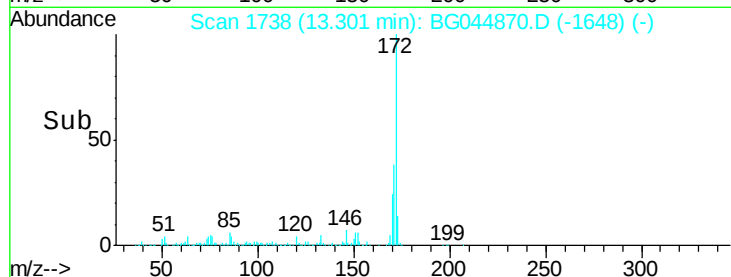
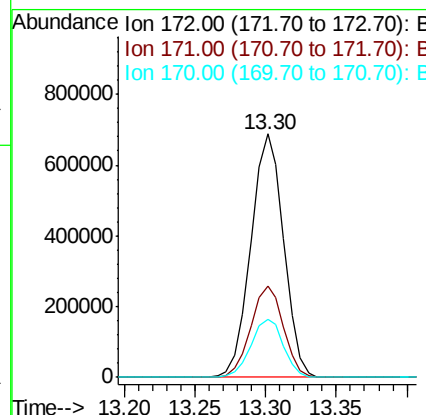
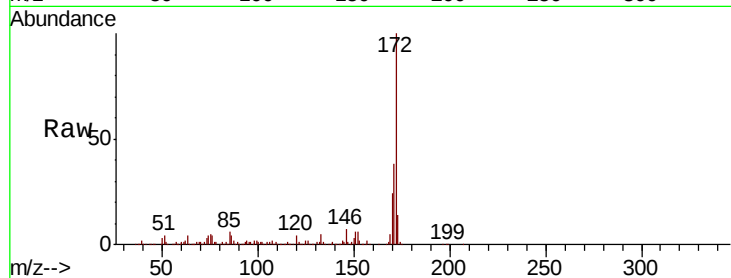
#45
2-Fluorobiphenyl
Concen: 65.642 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	28.7	43.1
170	23.9	19.0	28.6

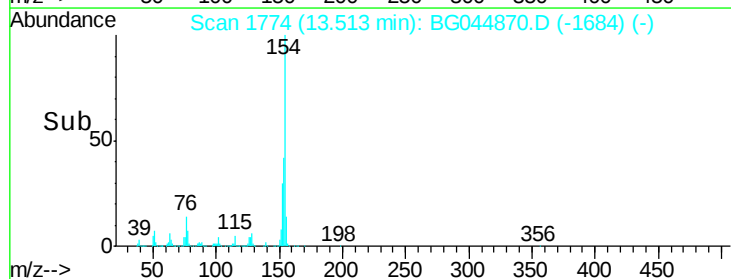
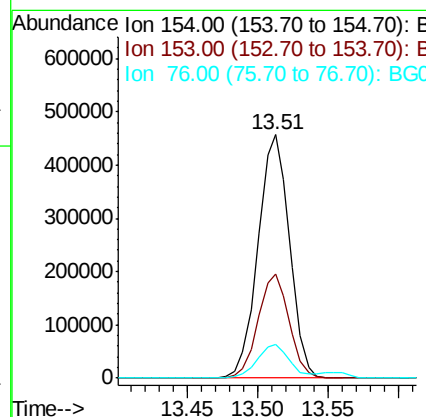
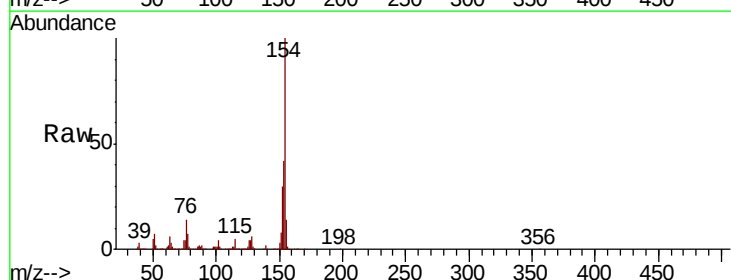
Manual Integrations
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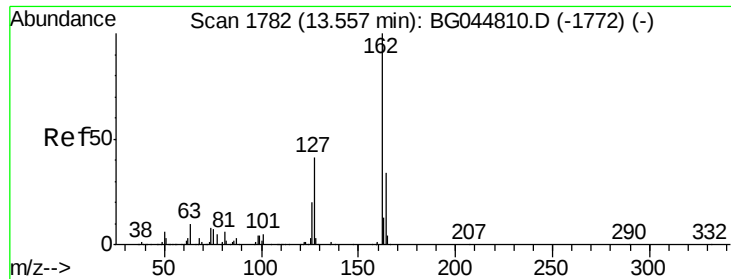
mohammad
3/19/2020 12:34:48 PM



#46
1,1'-Biphenyl
Concen: 36.649 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.9	62.9
76	14.0	0.0	34.6





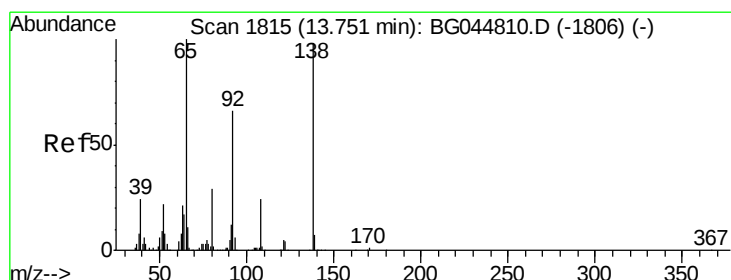
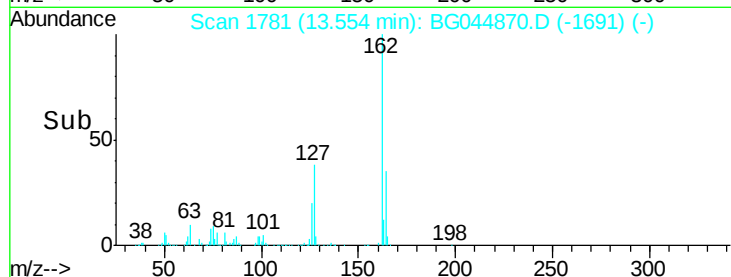
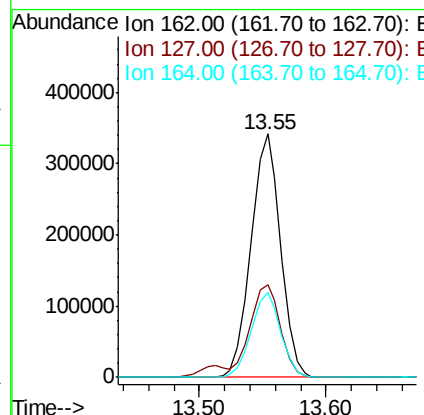
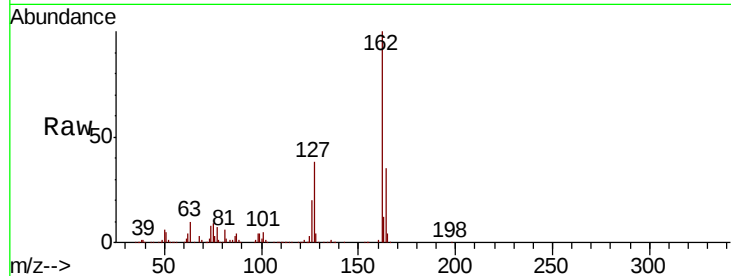
#47
 2-Chloronaphthalene
 Concen: 37.000 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	33.1	49.7
164	35.0	27.4	41.2

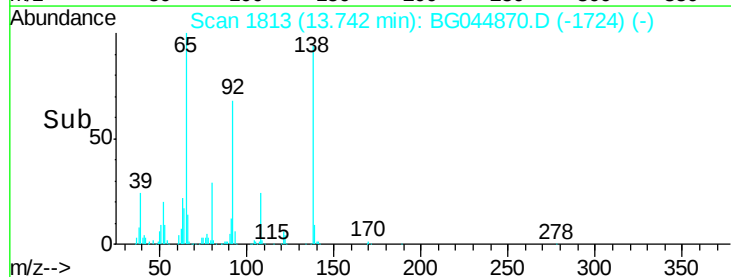
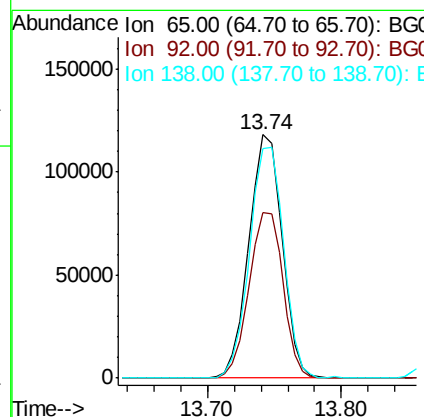
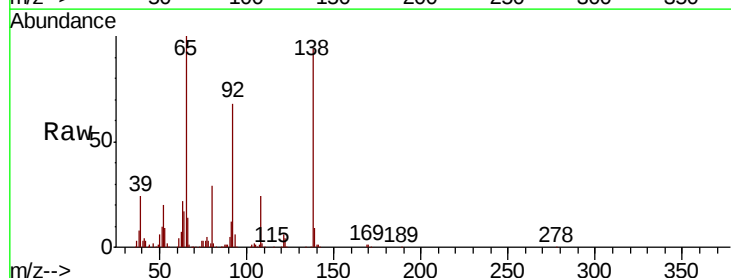
Manual Integrations
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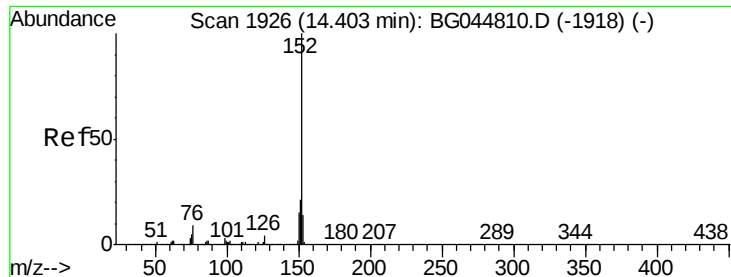
mohammad
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#48
 2-Nitroaniline
 Concen: 38.971 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	52.6	79.0
138	94.2	78.3	117.5





#49

Acenaphthylene

Concen: 39.170 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

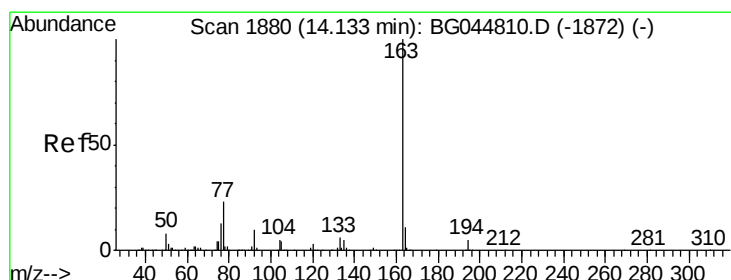
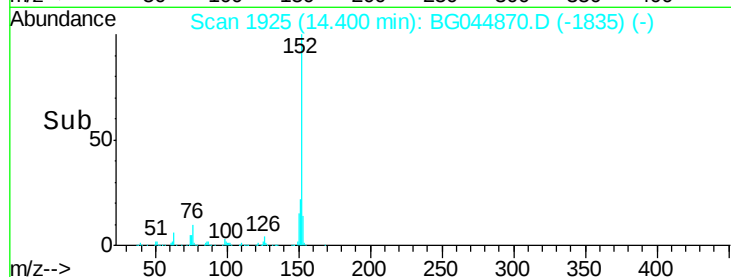
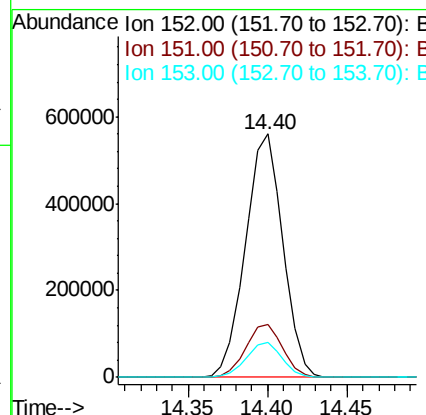
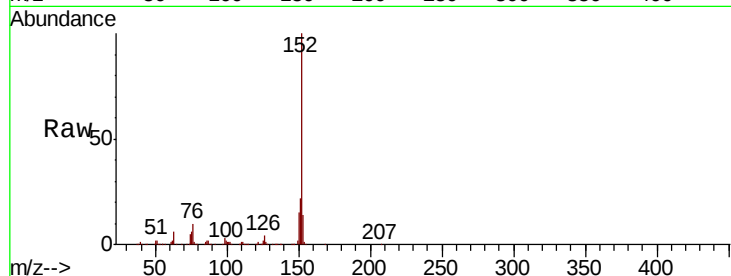
ClientSampleId :

PB127635BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.8	25.2
153	14.3	10.8	16.2

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.591 ng

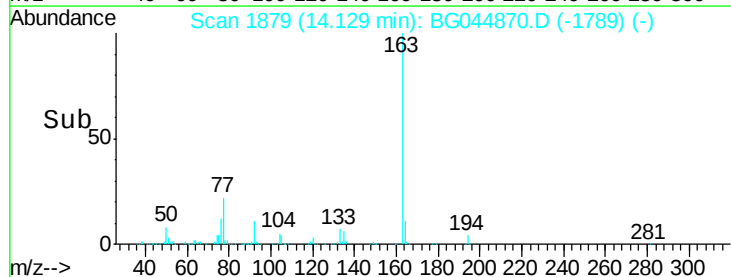
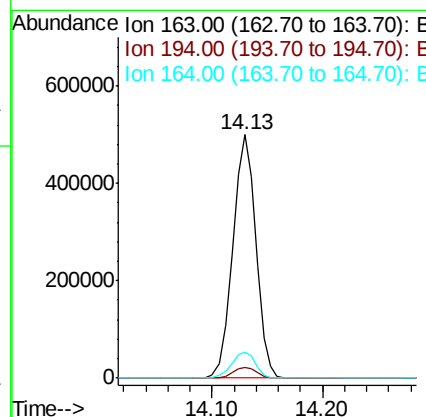
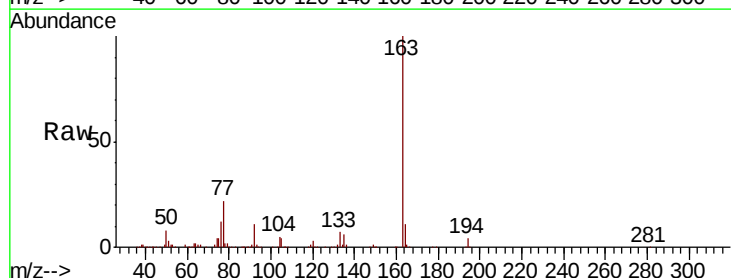
RT: 14.13 min Scan# 1879

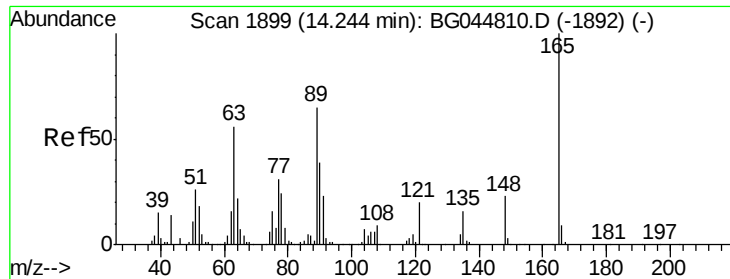
Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.8	9.1	13.7





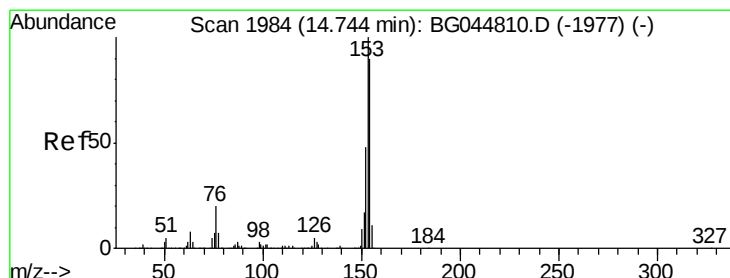
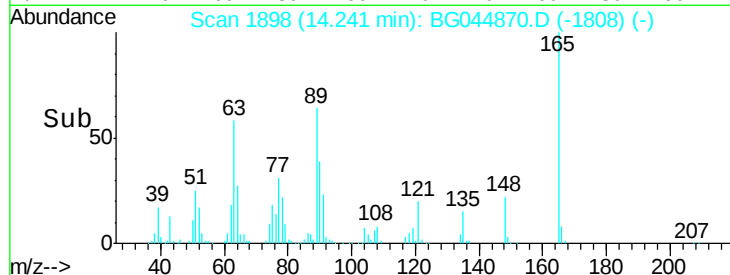
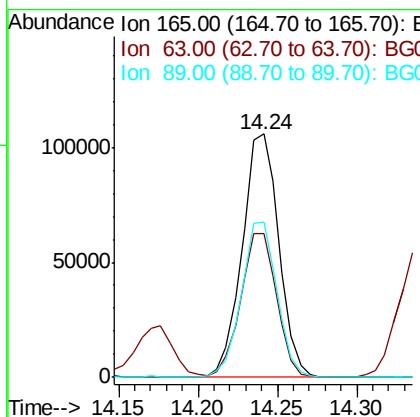
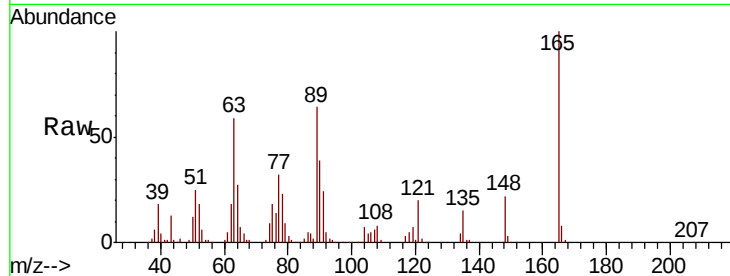
#51
 2,6-Dinitrotoluene
 Concen: 43.192 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169467		
63	59.1	45.8	68.8	
89	63.9	51.8	77.6	

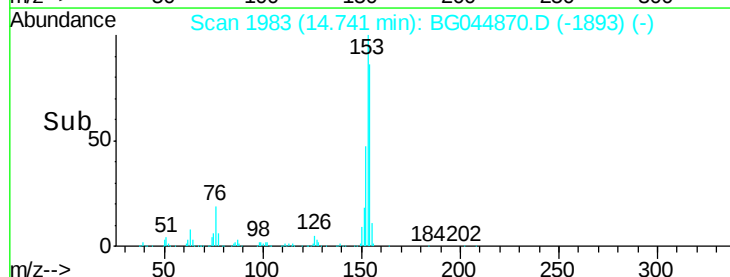
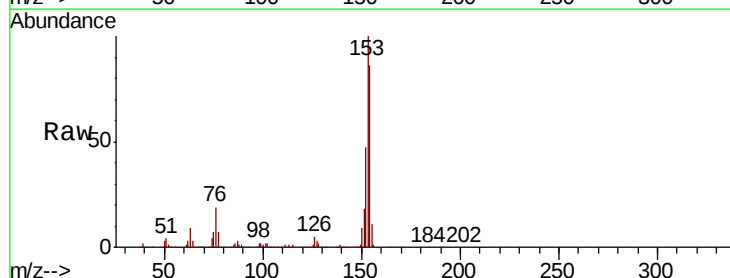
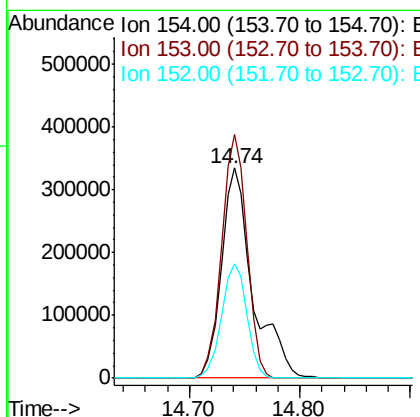
Manual Integrations
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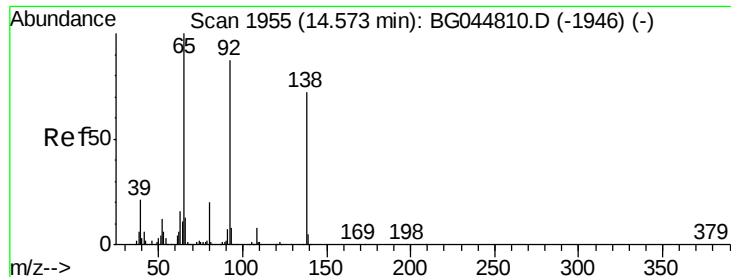
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#52
 Acenaphthene
 Concen: 43.522 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	666223		
153	115.8	89.0	133.6	
152	54.2	43.0	64.6	





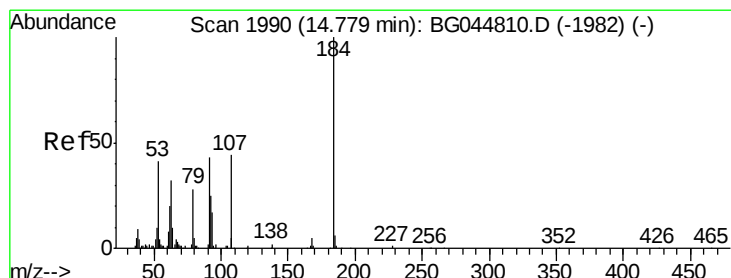
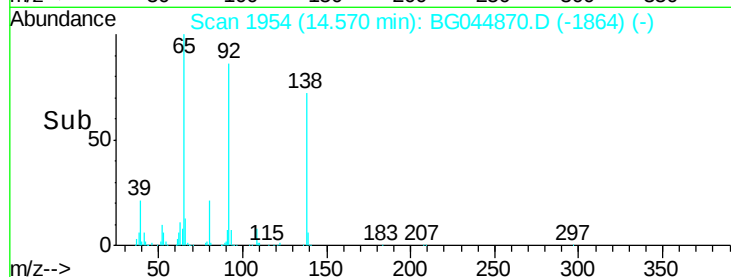
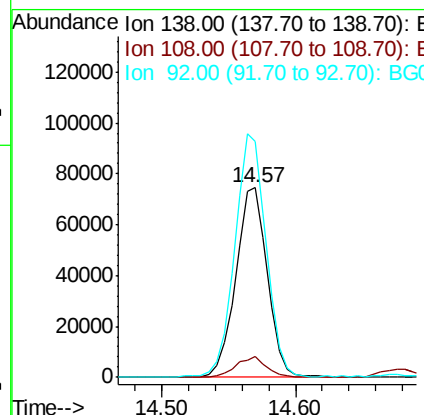
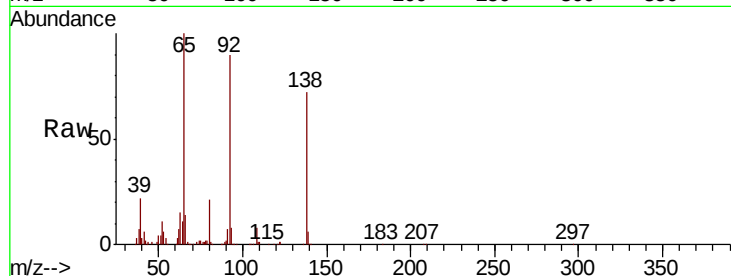
#53
3-Nitroaniline
Concen: 27.160 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	124.7	96.8	145.2

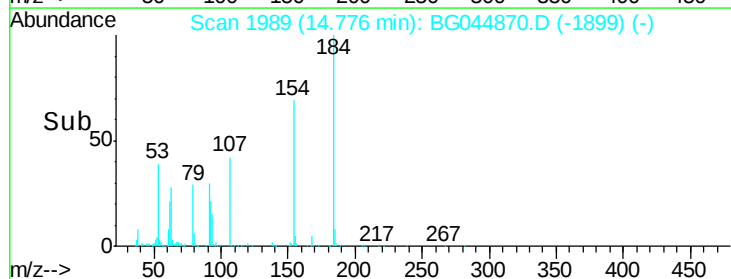
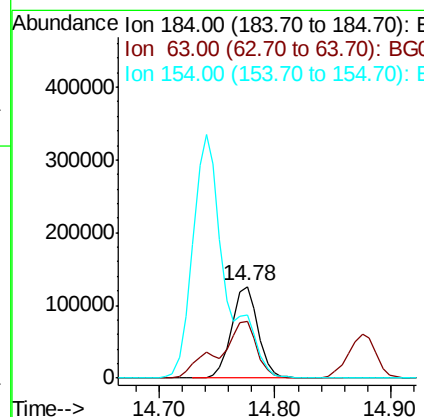
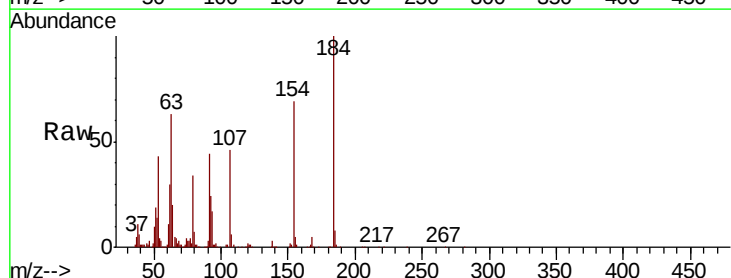
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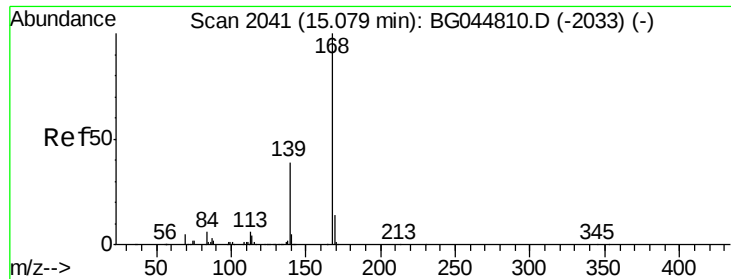
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#54
2,4-Dinitrophenol
Concen: 96.383 ng
RT: 14.78 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.6	45.5	68.3
154	68.5	49.1	73.7





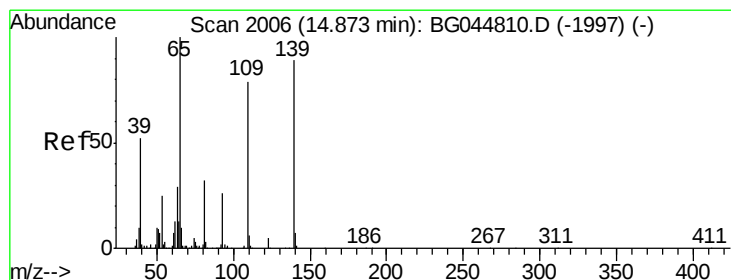
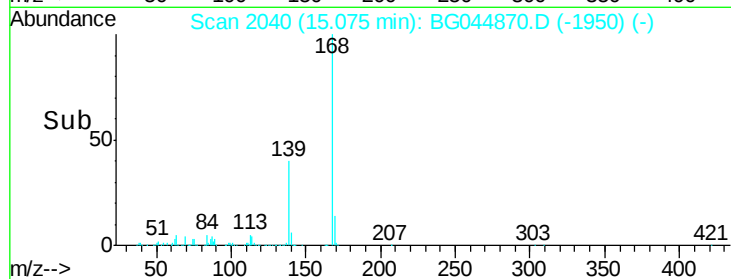
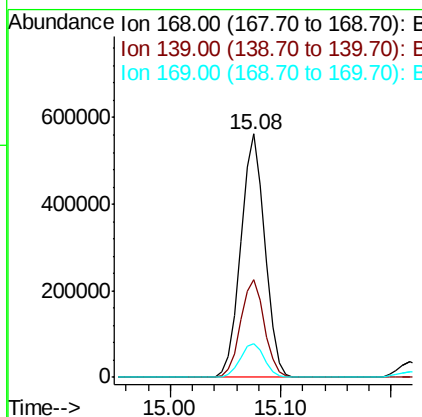
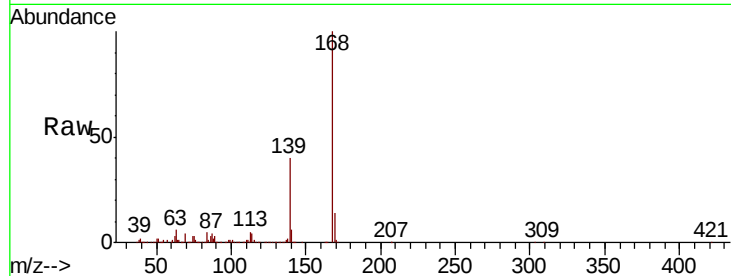
#55
Dibenzofuran
Concen: 38.809 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	31.4	47.0	
169	13.8	11.1	16.7	

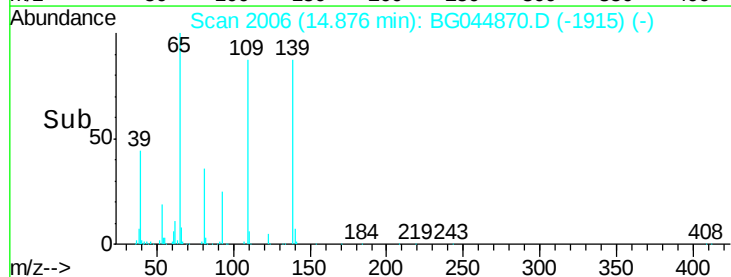
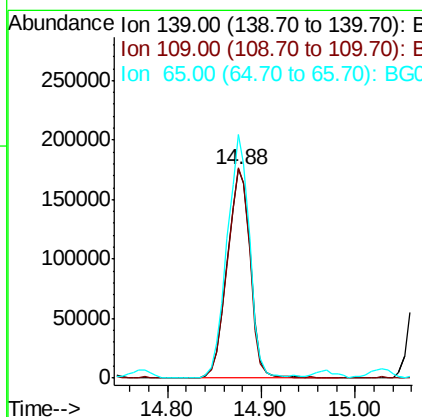
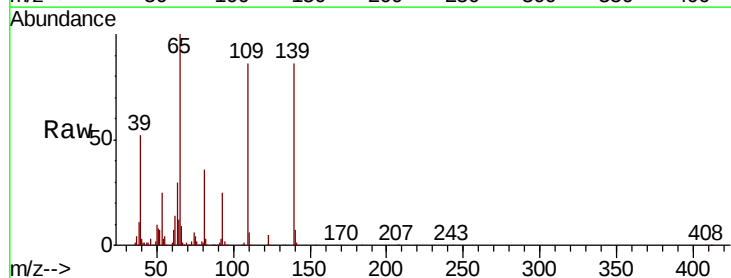
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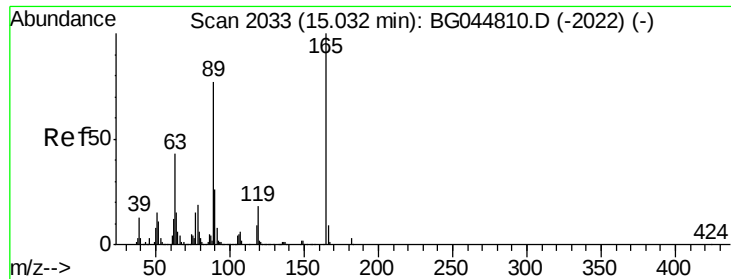
mohammad
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#56
4-Nitrophenol
Concen: 87.529 ng
RT: 14.88 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	100.6	68.8	108.8	
65	116.6	92.5	132.5	





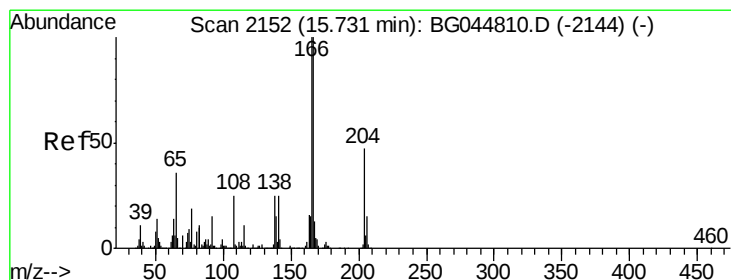
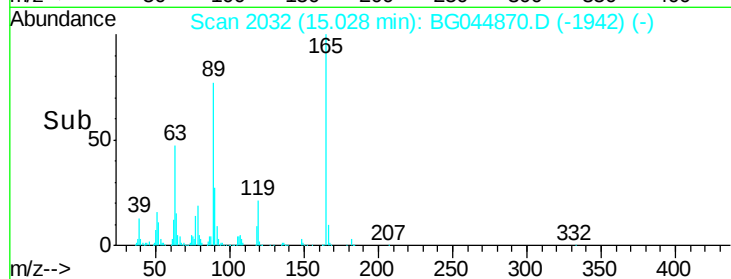
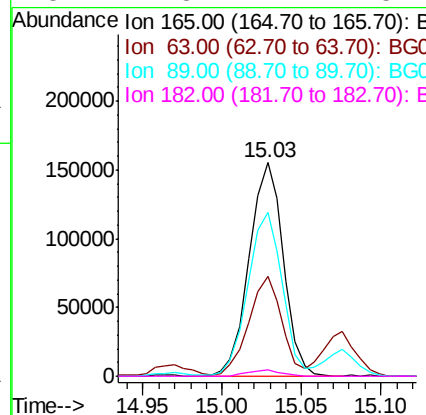
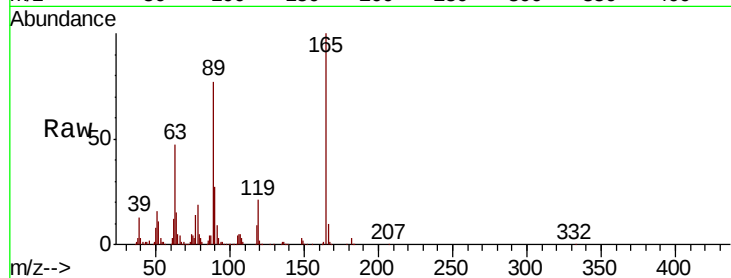
#57
2,4-Dinitrotoluene
Concen: 43.172 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232313		
63	47.0		34.6	52.0
89	76.7		61.3	91.9
182	2.8		2.2	3.2

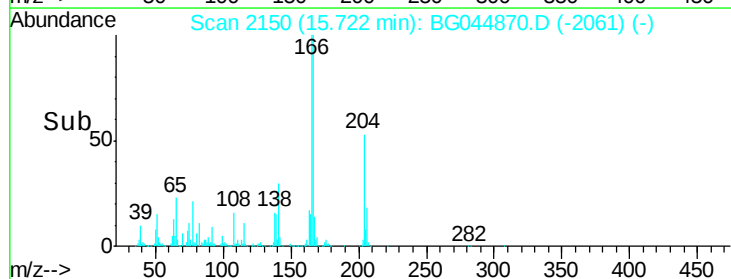
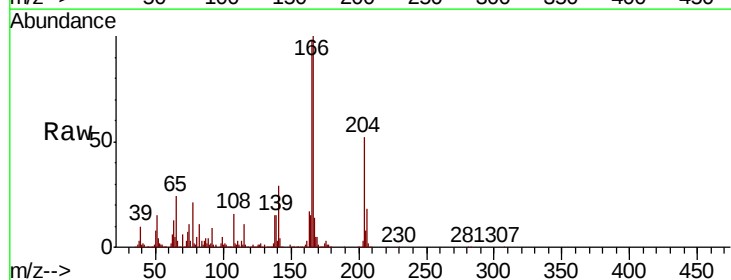
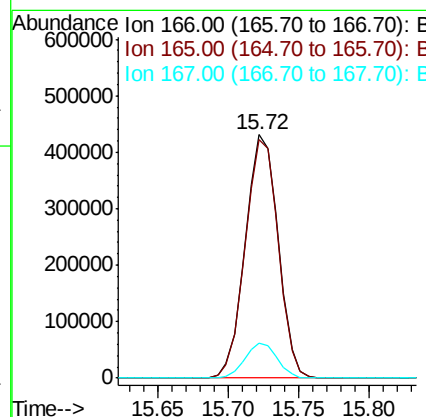
Manual Integrations
APPROVED

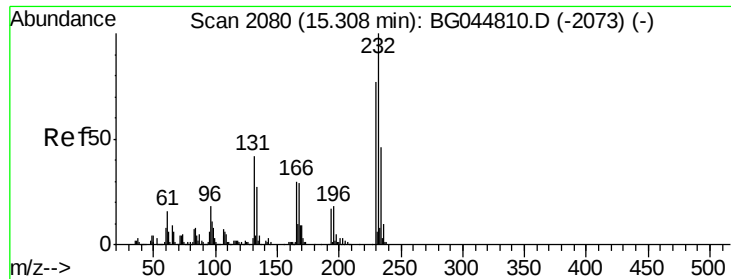
mohammad
3/19/2020 12:34:48 PM



#58
Fluorene
Concen: 38.511 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	703231		
165	98.1		79.7	119.5
167	14.5		10.6	16.0





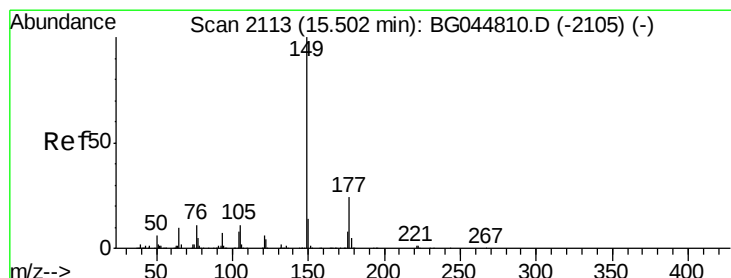
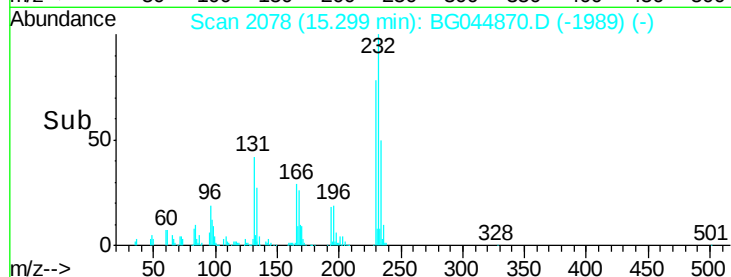
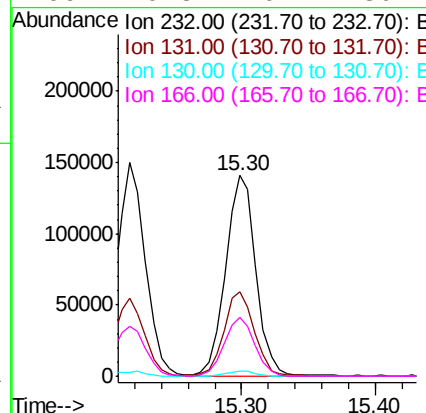
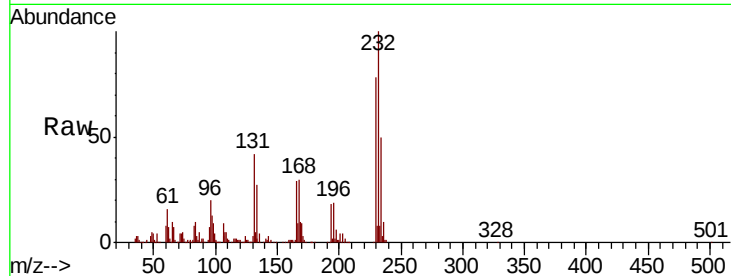
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.567 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	222197		
131	42.8		31.8	47.8
130	2.7		2.2	3.2
166	29.8		20.2	30.2

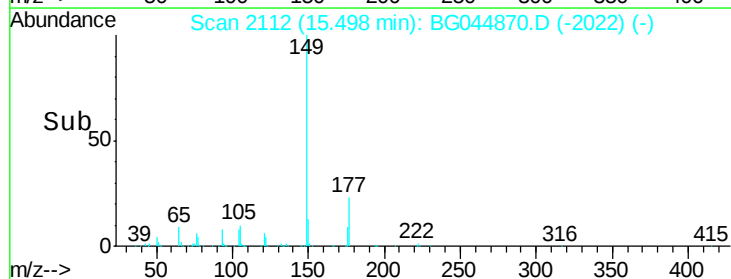
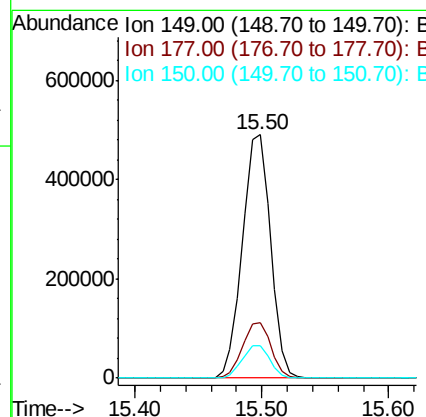
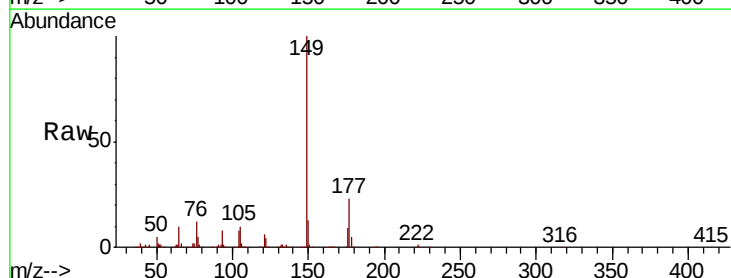
Manual Integrations
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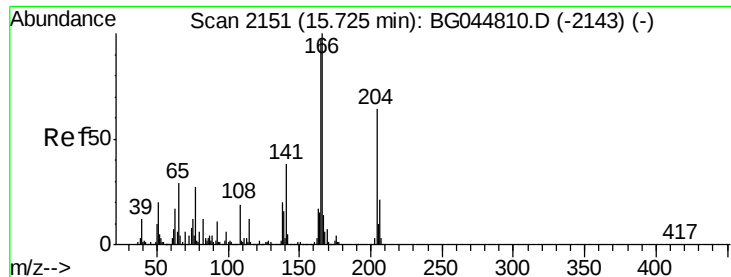
mohammad
 3/19/2020 12:34:48 PM



#60
 Diethylphthalate
 Concen: 37.091 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	753023		
177	23.0		19.3	28.9
150	13.2		11.0	16.6





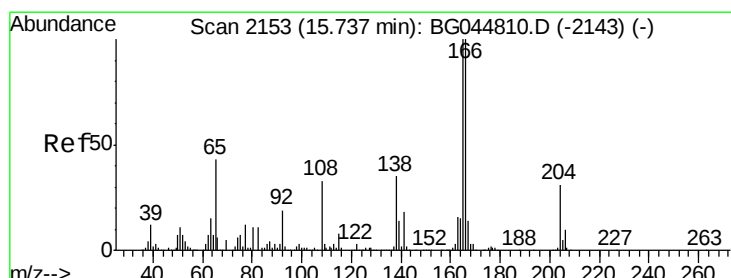
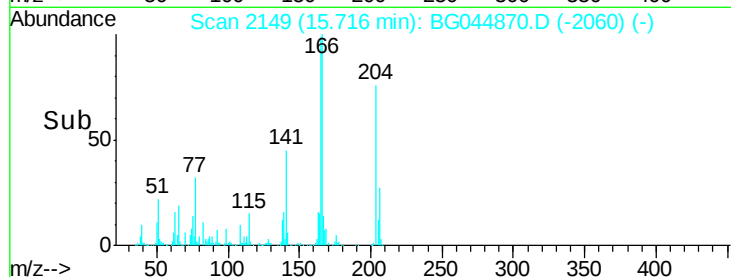
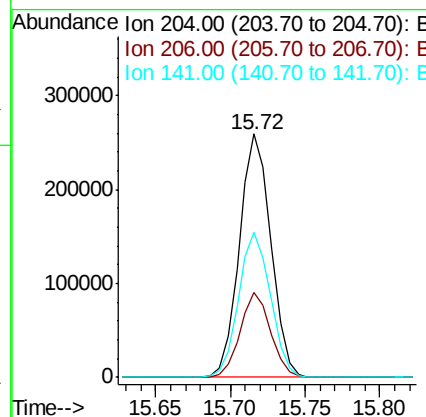
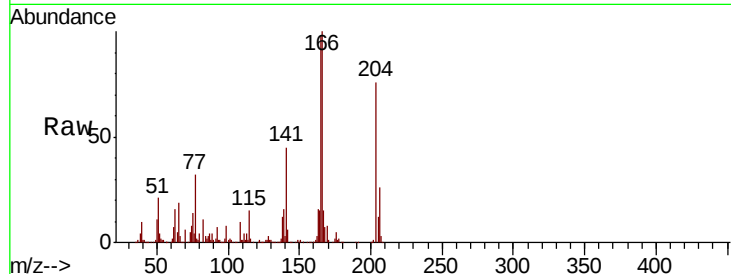
#61
4-Chlorophenyl-phenylether
Concen: 38.629 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.7	26.2	39.2	
141	59.5	47.7	71.5	

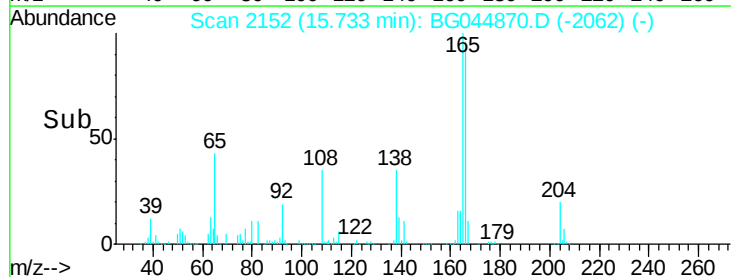
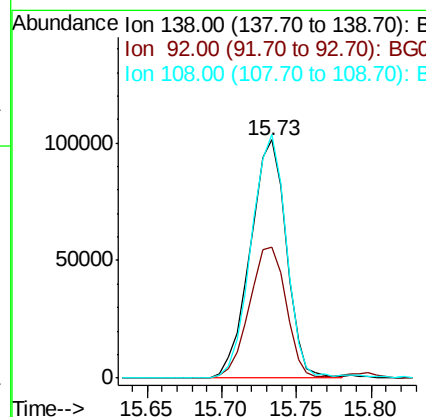
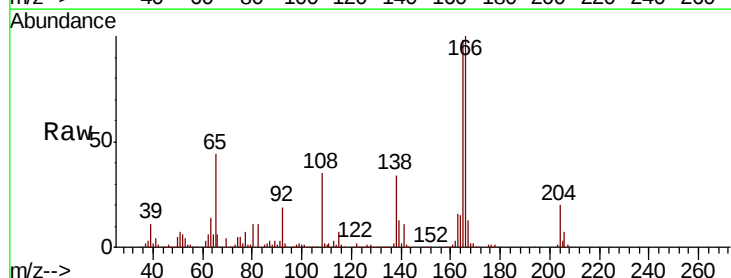
Manual Integrations
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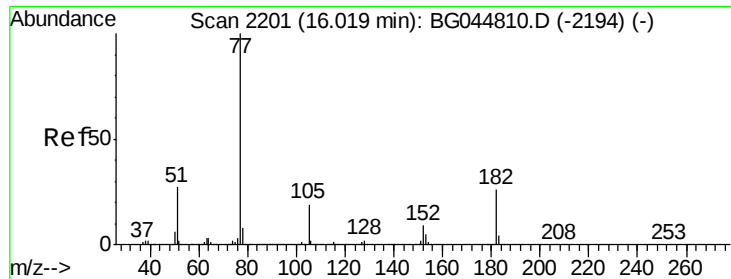
mohammad
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#62
4-Nitroaniline
Concen: 35.181 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.8	34.5	74.5	
108	102.3	74.5	114.5	





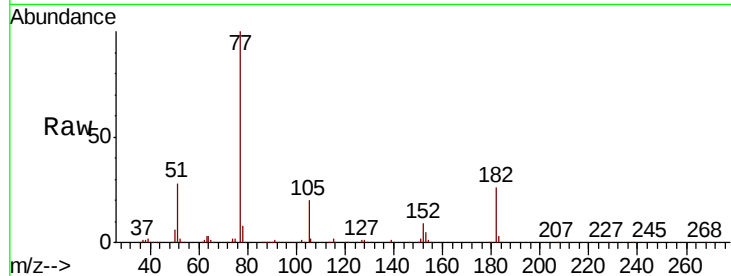
#63
Azobenzene
Concen: 35.509 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

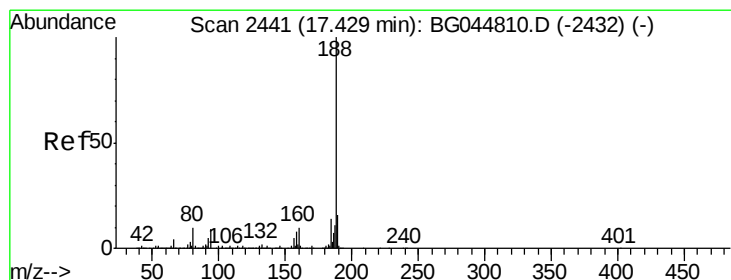
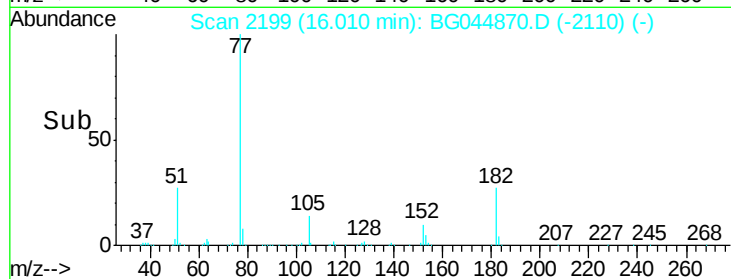
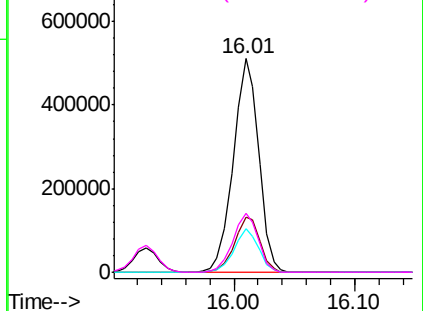
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	6.4	46.4
105	20.4	0.0	39.1
51	27.7	7.3	47.3

Manual Integrations
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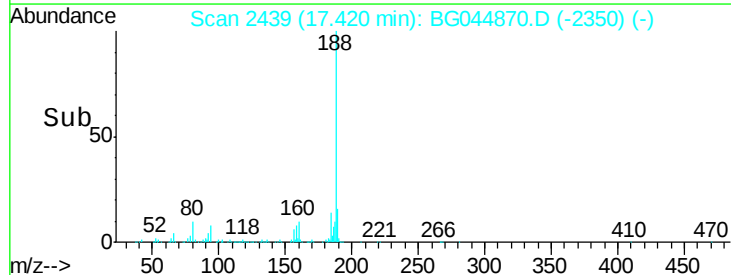
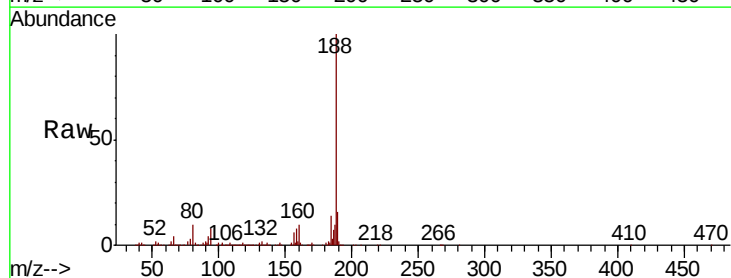
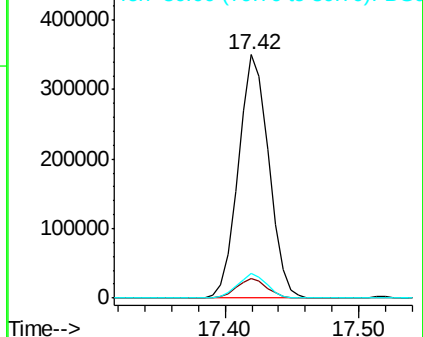
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

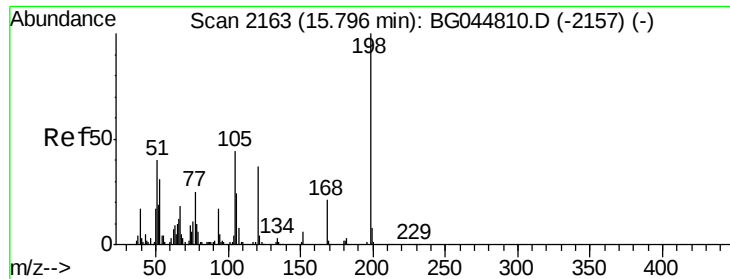


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.3	10.9
80	10.1	8.0	12.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





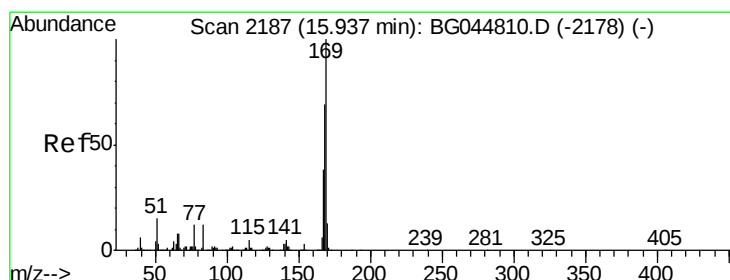
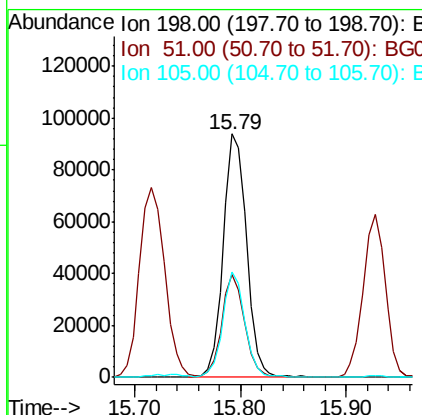
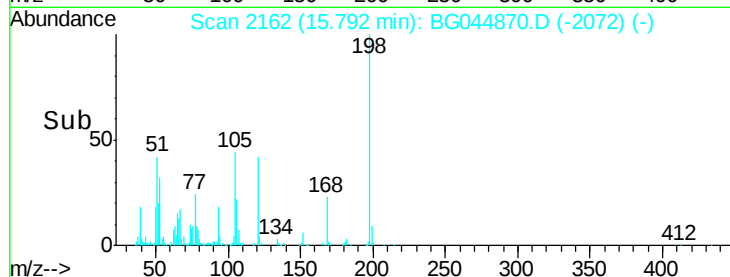
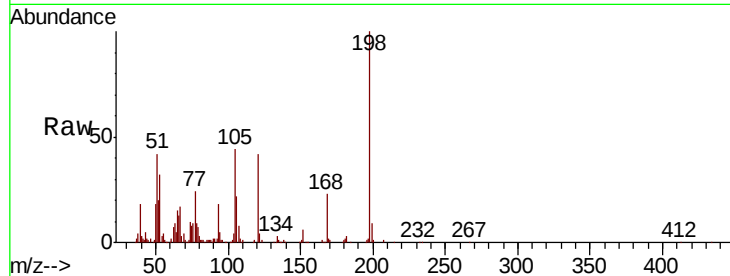
#65
4,6-Dinitro-2-methylphenol
Concen: 54.519 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	144016		
51	42.3		21.1	61.1
105	43.5		24.5	64.5

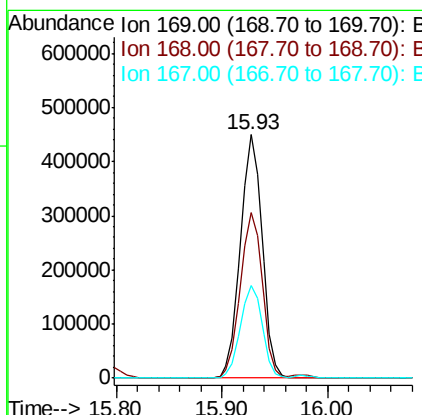
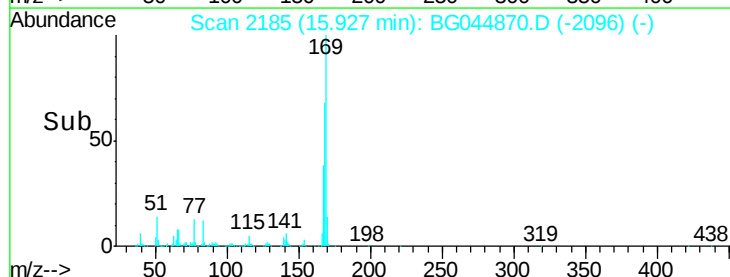
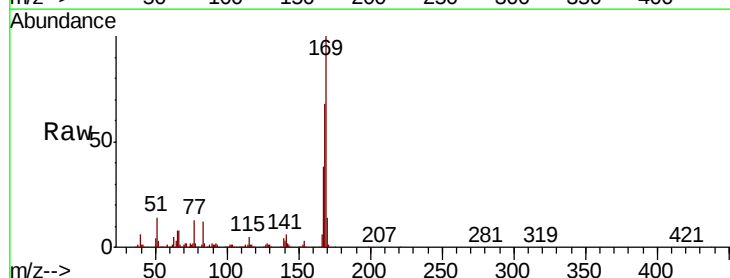
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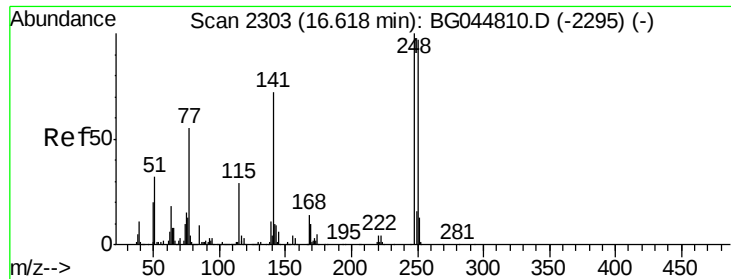
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.829 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	641499		
168	68.0		55.4	83.2
167	37.9		30.1	45.1





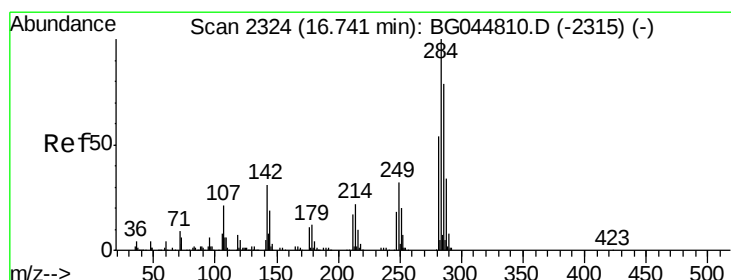
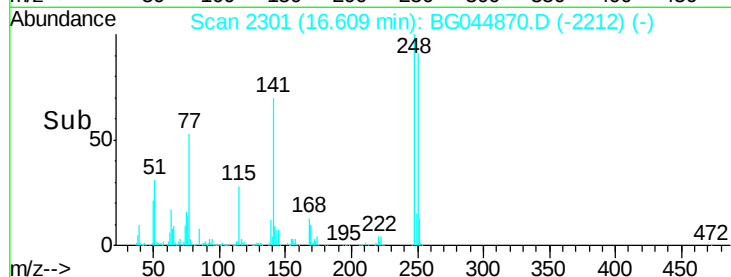
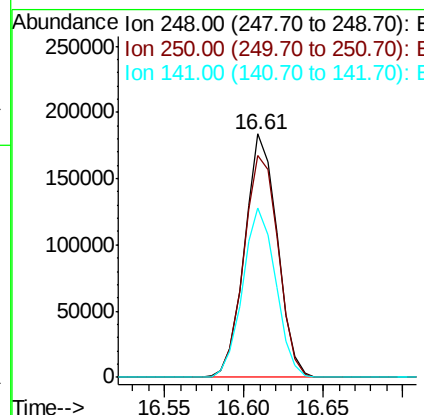
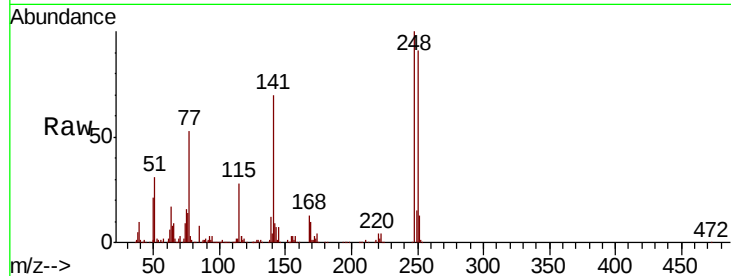
#67
4-Bromophenyl-phenylether
Concen: 38.276 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	91.3	77.9	116.9
141	69.7	57.5	86.3

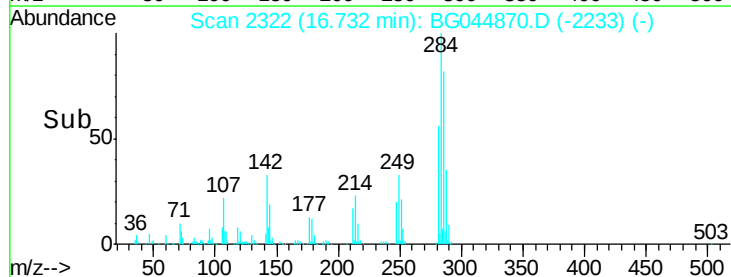
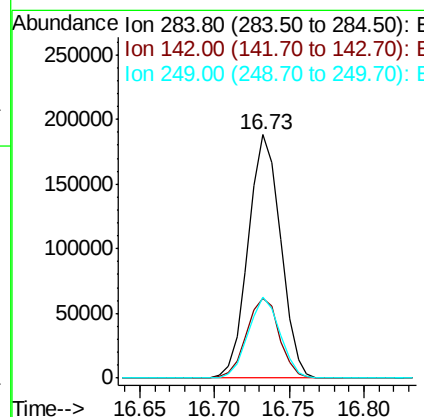
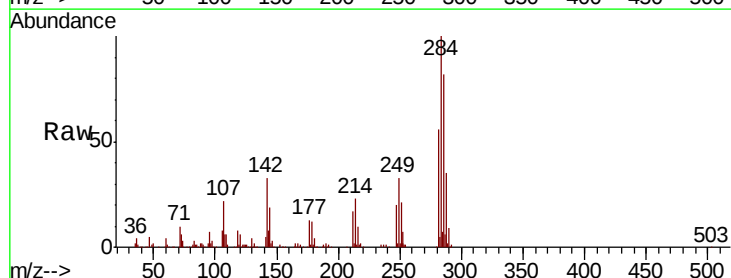
Manual Integrations
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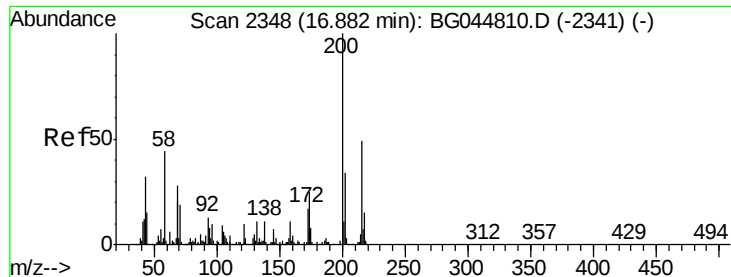
mohammad
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#68
Hexachlorobenzene
Concen: 37.892 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	25.0	37.6
249	33.1	25.8	38.8





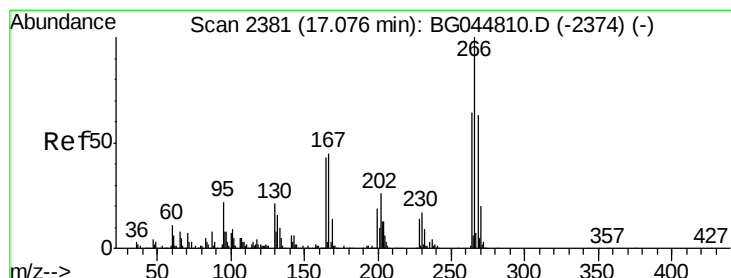
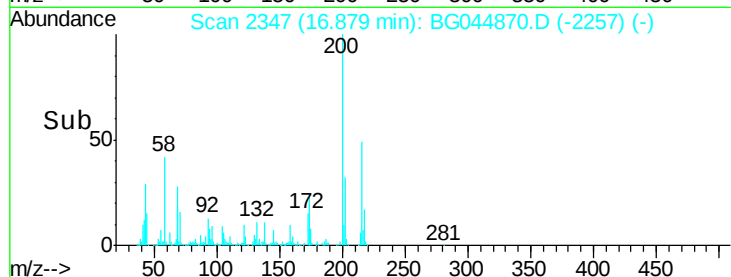
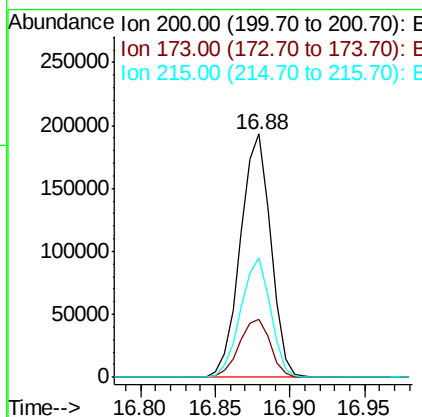
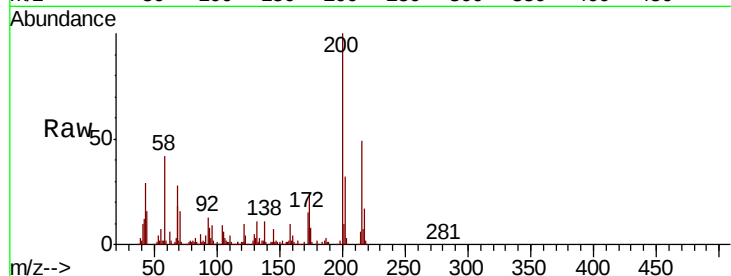
#69
Atrazine
Concen: 44.979 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.0	5.3	45.3
215	49.3	28.9	68.9

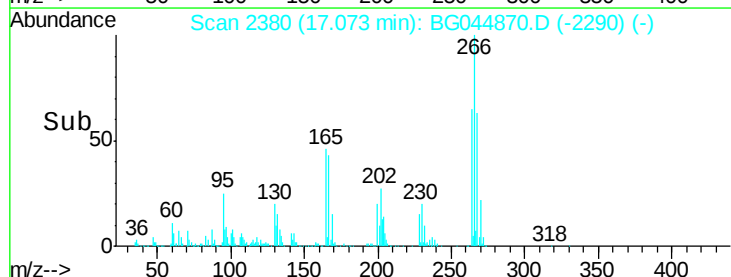
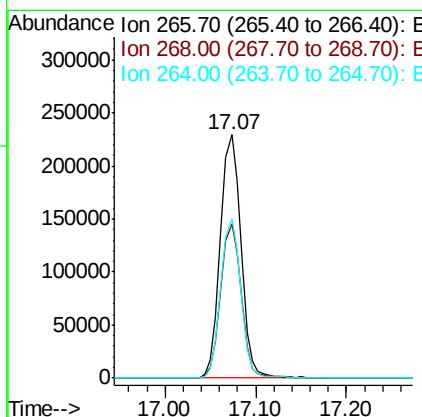
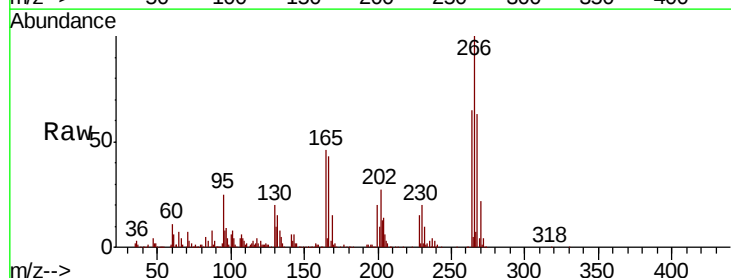
Manual Integrations
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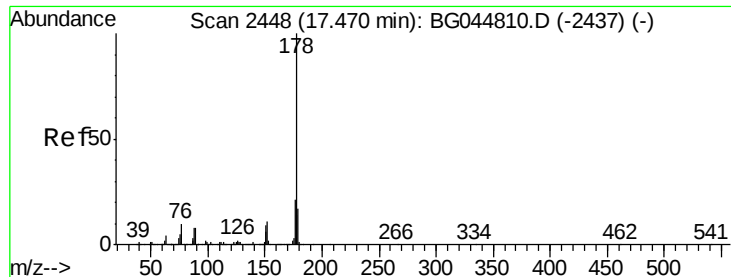
mohammad
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#70
Pentachlorophenol
Concen: 88.719 ng
RT: 17.07 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	50.3	75.5
264	65.4	51.4	77.2





#71

Phenanthrene

Concen: 38.602 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

Tot Ion:178 Resp: 1131988

Ion Ratio Lower Upper

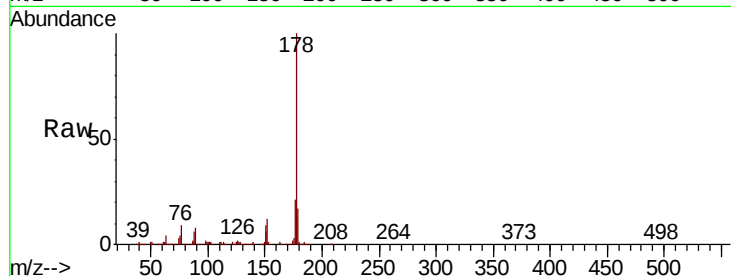
178 100

176 20.8 16.6 24.8

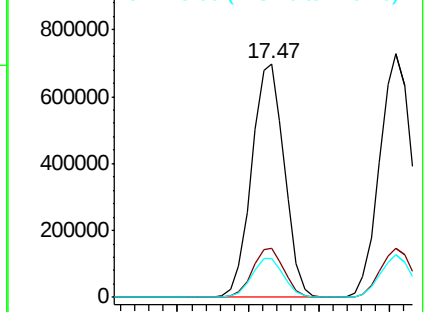
179 16.8 13.5 20.3

Manual Integrations
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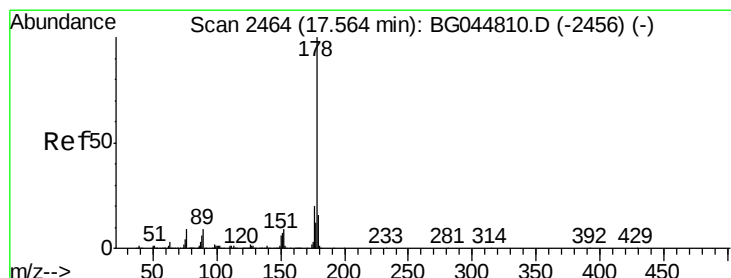
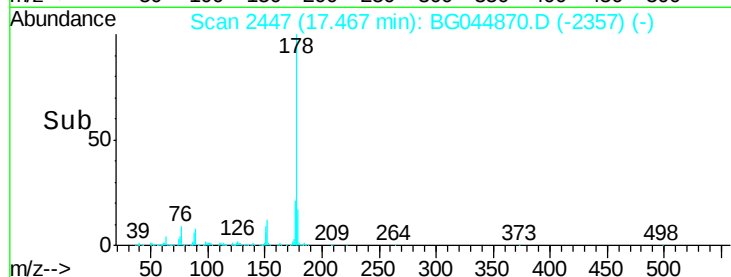
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E
1000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 39.673 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

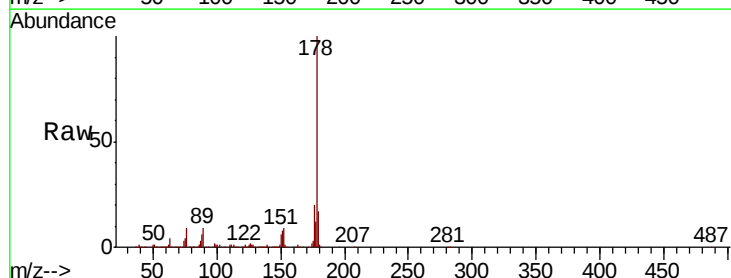
Tgt Ion:178 Resp: 1147172

Ion Ratio Lower Upper

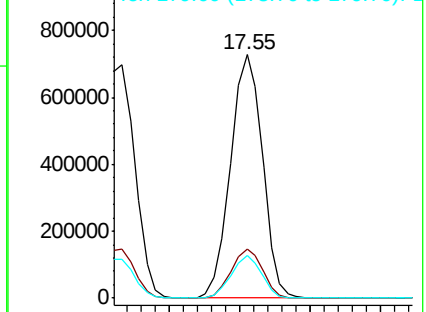
178 100

176 20.3 15.9 23.9

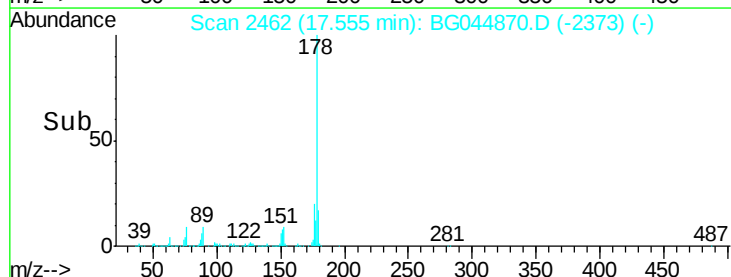
179 17.3 13.2 19.8

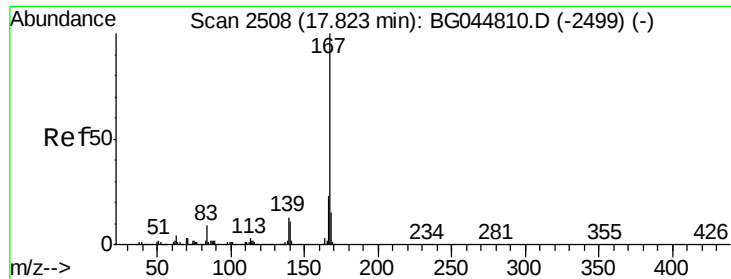


Abundance Ion 178.00 (177.70 to 178.70): E
1000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





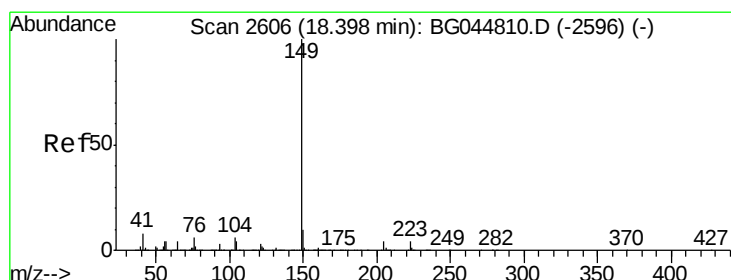
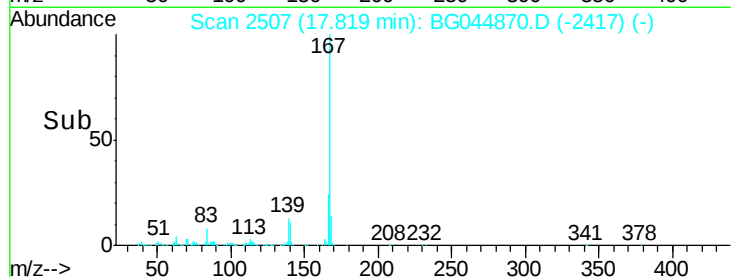
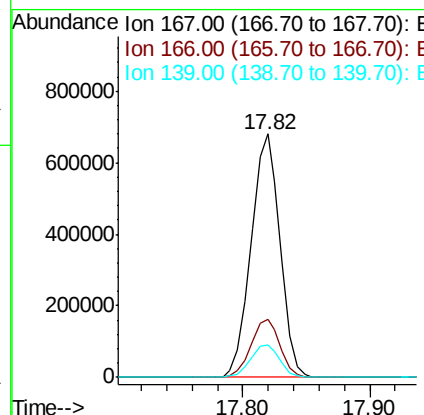
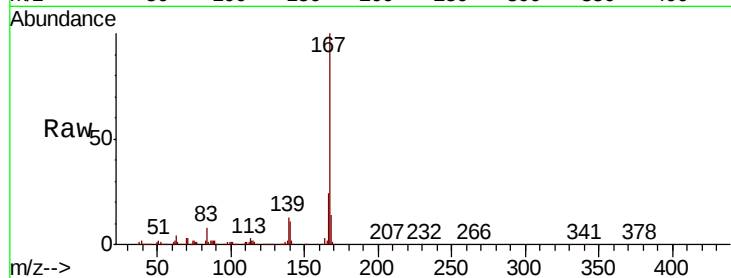
#73
 Carbazole
 Concen: 38.700 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.8	28.2
139	13.3	10.8	16.2

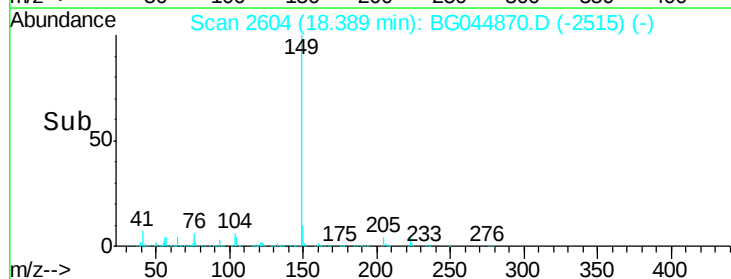
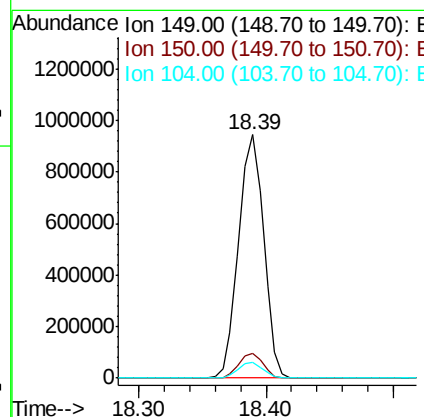
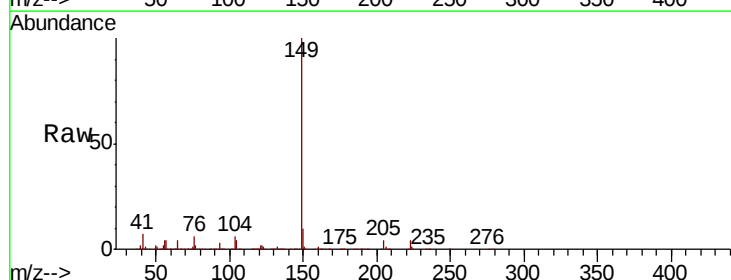
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#74
 Di-n-butylphthalate
 Concen: 38.265 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 40.616 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

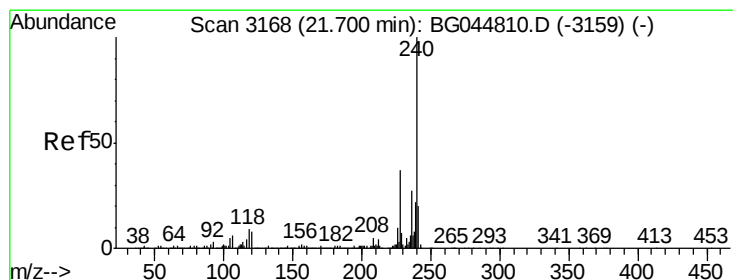
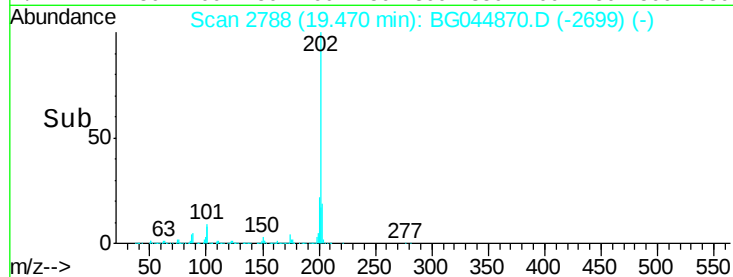
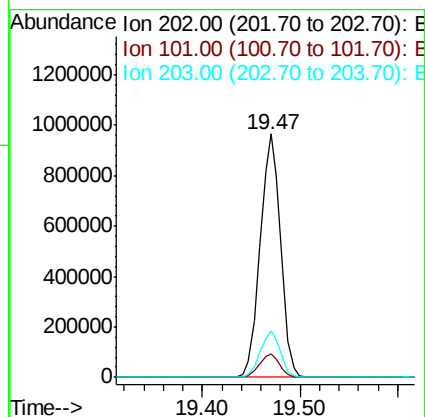
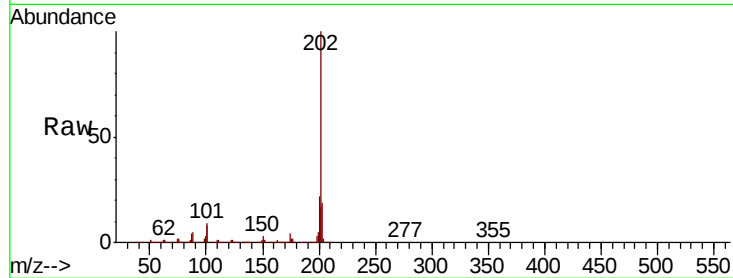
ClientSampleId :

PB127635BSD

Tot Ion:	202	Resp:	1418149
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.8
203	19.3	0.0	39.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

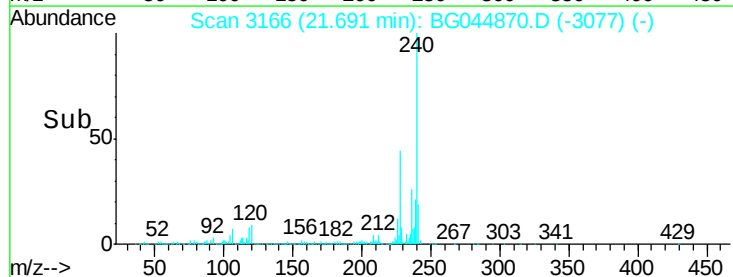
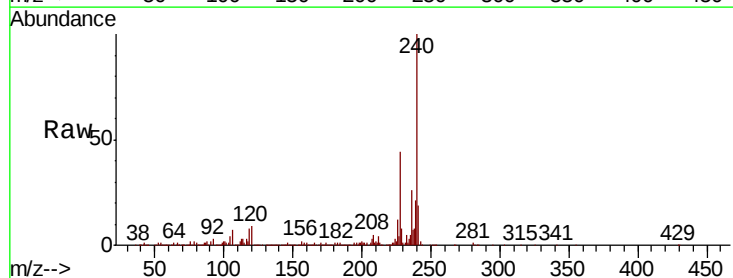
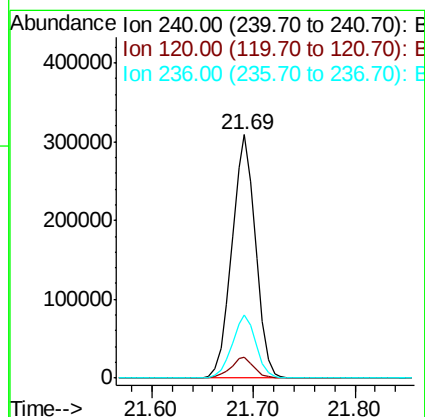
RT: 21.69 min Scan# 3166

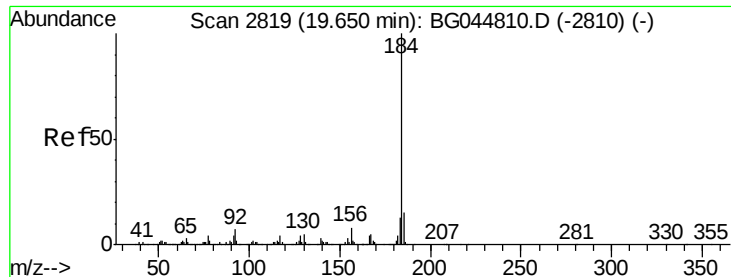
Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	240	Resp:	496611
Ion Ratio	Lower	Upper	
240	100		
120	8.8	6.7	10.1
236	25.9	21.5	32.3





#77

Benzidine

Concen: 35.182 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

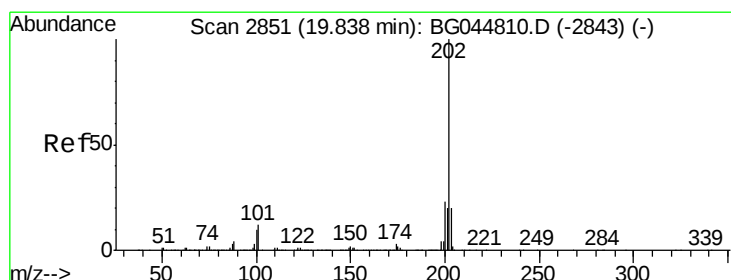
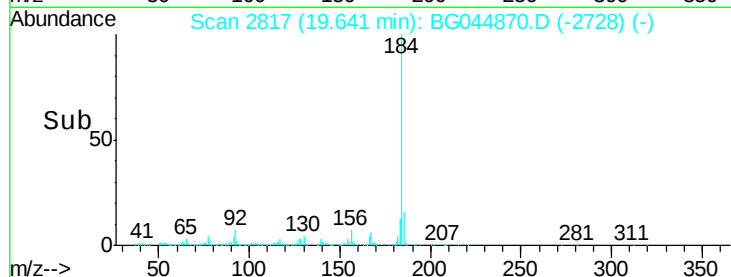
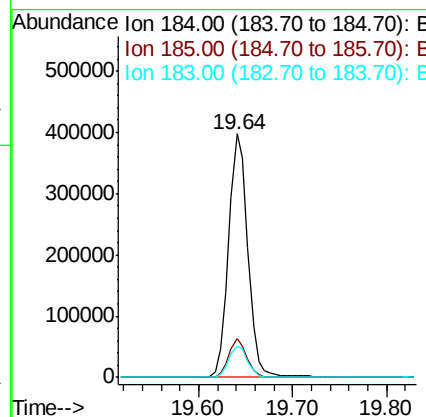
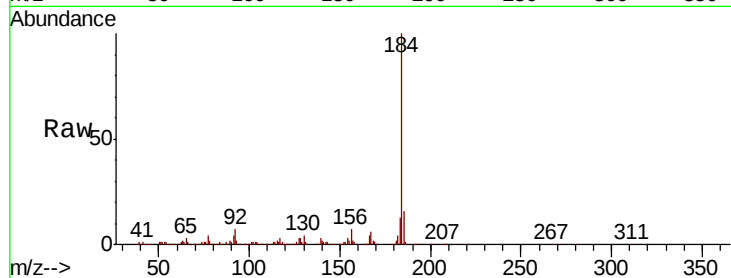
ClientSampleId :

PB127635BSD

Tot Ion:	184	Resp:	567209
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.2	18.4
183	12.7	10.7	16.1

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#78

Pyrene

Concen: 38.610 ng

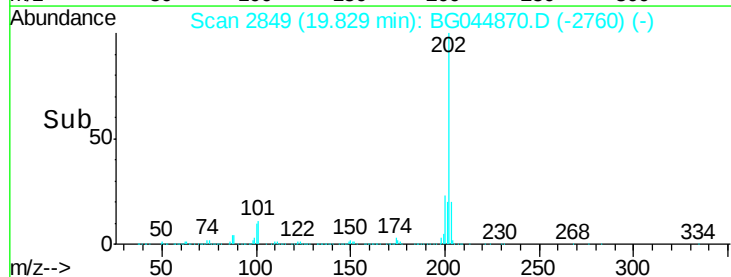
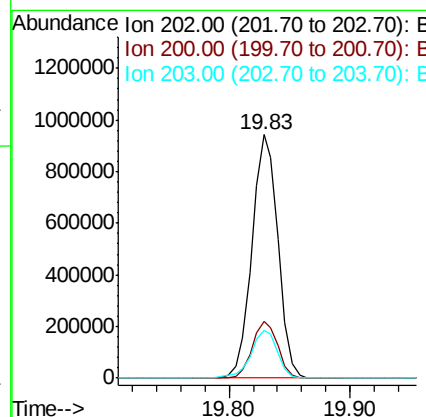
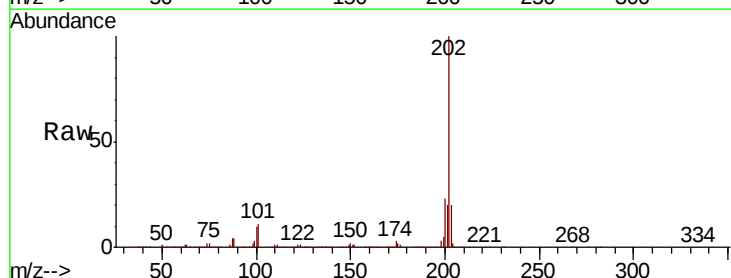
RT: 19.83 min Scan# 2849

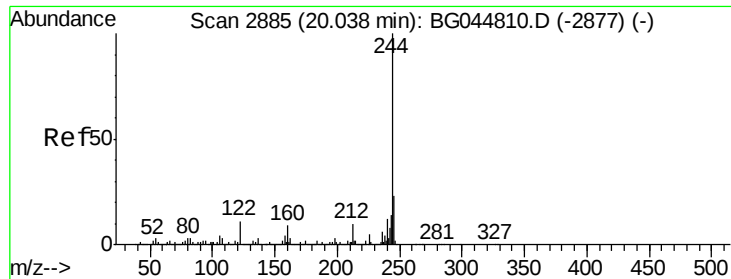
Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	202	Resp:	1406748
Ion Ratio	Lower	Upper	
202	100		
200	23.3	18.3	27.5
203	19.6	15.6	23.4





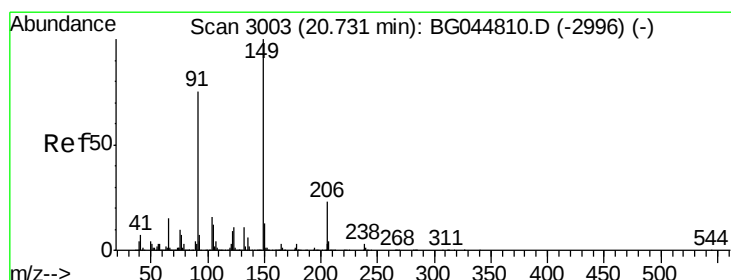
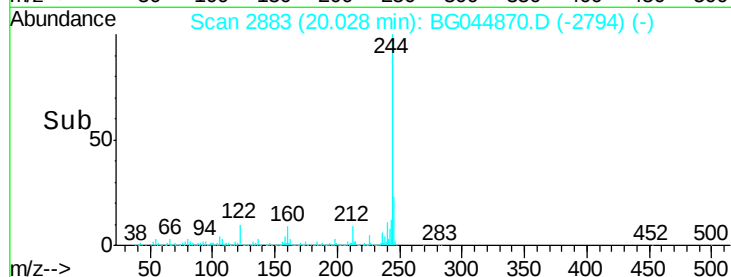
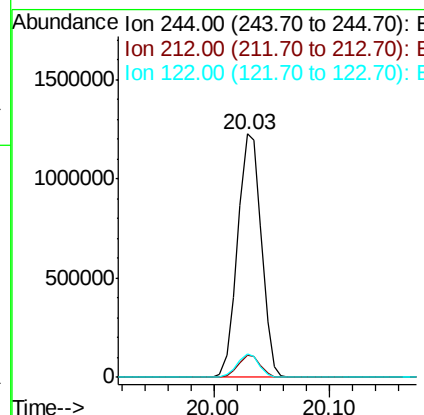
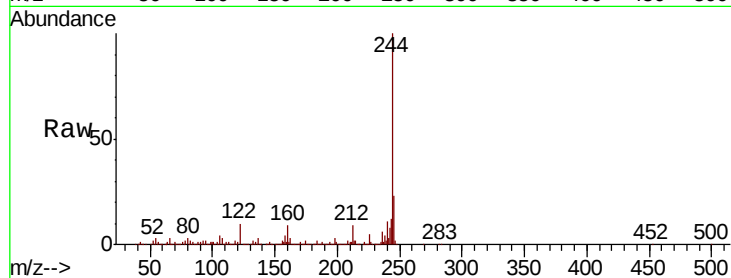
#79
 Terphenyl-d14
 Concen: 65.578 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Instrument :
 BNA_G
 ClientSampleId :
 PB127635BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.7	11.5
122	9.5	8.6	12.8

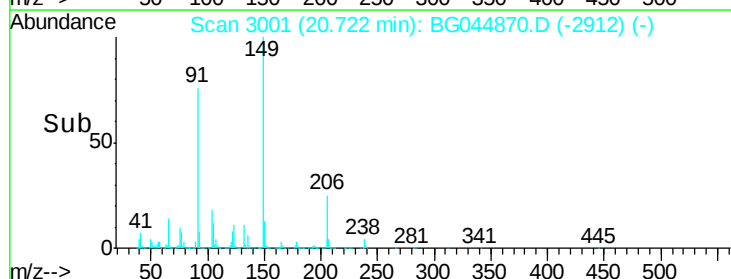
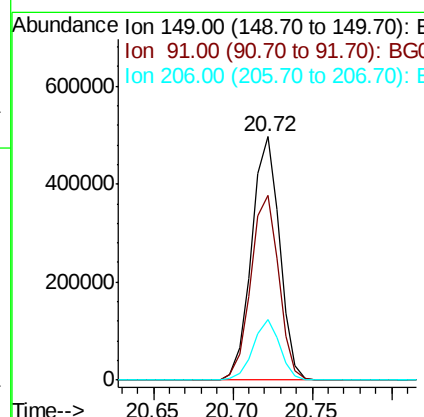
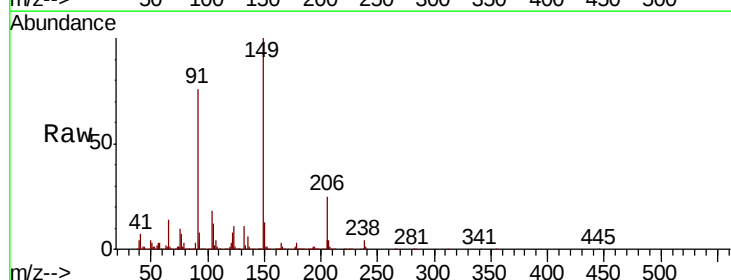
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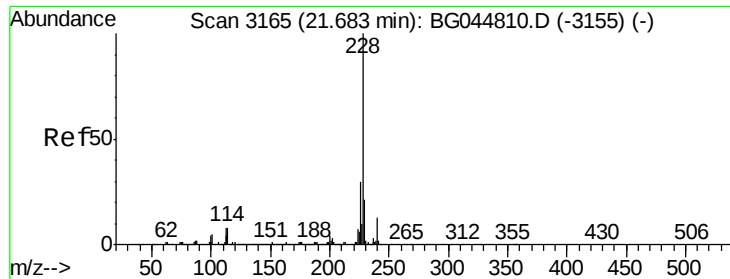
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#80
 Butylbenzylphthalate
 Concen: 37.565 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG044870.D
 Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	60.2	90.4
206	24.6	18.6	27.8





#81

Benzo(a)anthracene

Concen: 38.468 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

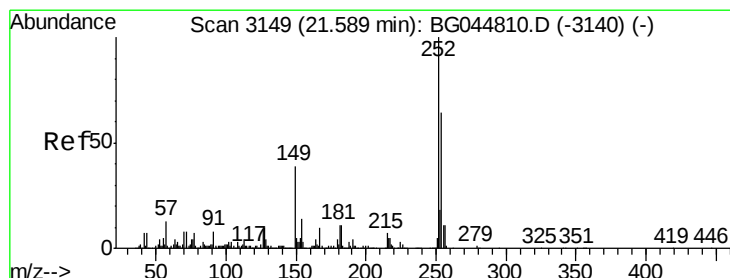
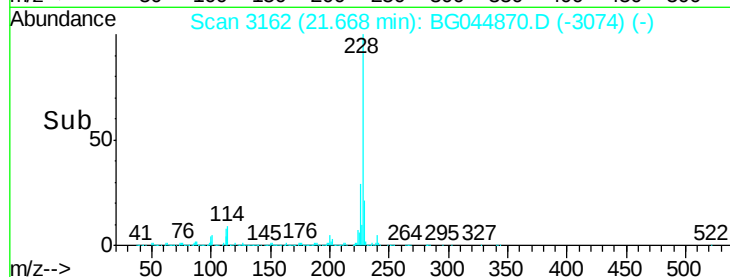
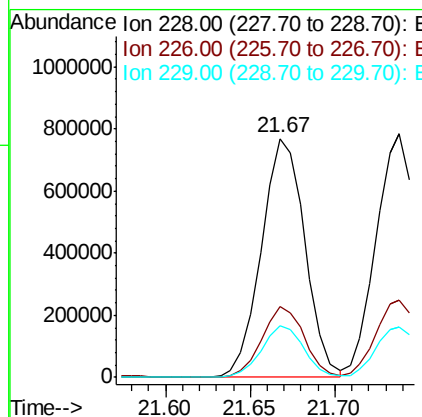
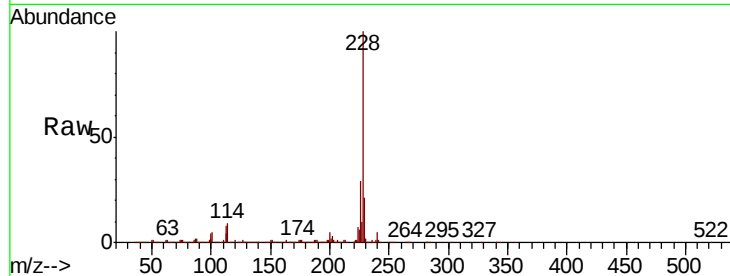
ClientSampleId :

PB127635BSD

Tot Ion:	228	Resp:	1375601
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	21.5	17.1	25.7

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#82

3,3'-Dichlorobenzidine

Concen: 31.482 ng

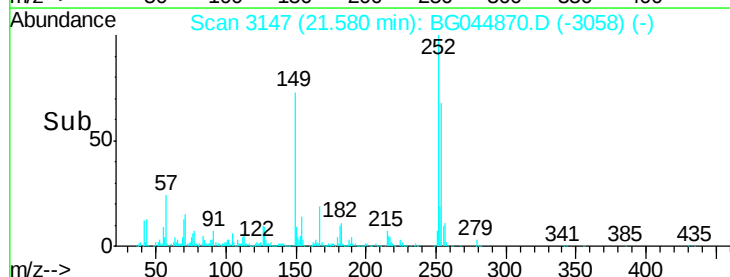
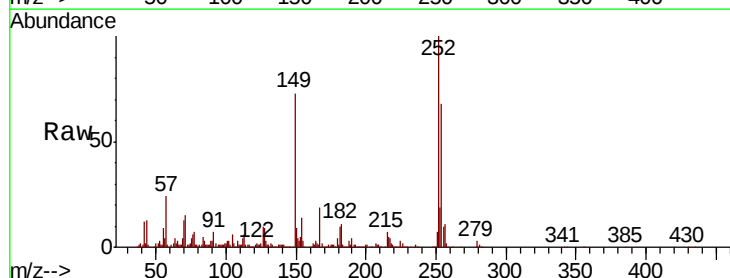
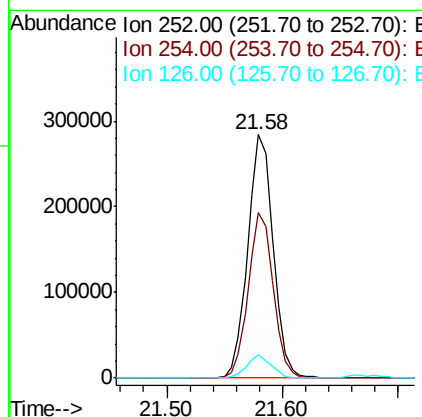
RT: 21.58 min Scan# 3147

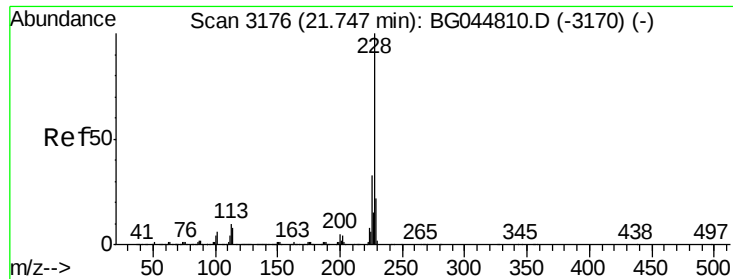
Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	252	Resp:	435532
Ion	Ratio	Lower	Upper
252	100		
254	67.8	51.6	77.4
126	9.6	7.0	10.6





#83

Chrysene

Concen: 38.275 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

ClientSampleId :

PB127635BSD

Tot Ion:228 Resp: 1307415

Ion Ratio Lower Upper

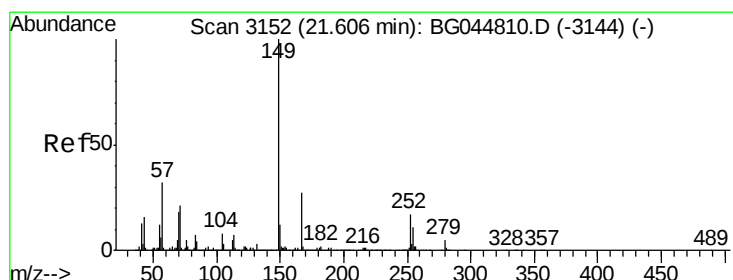
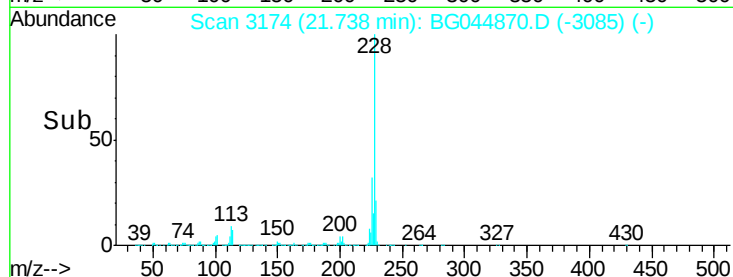
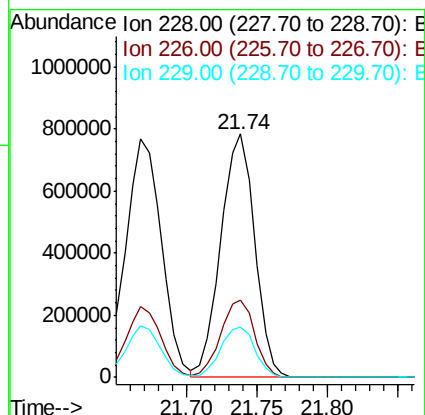
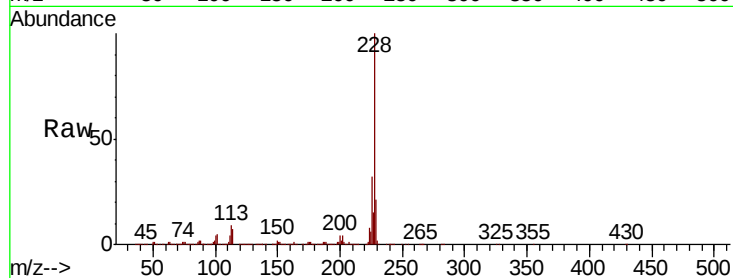
228 100

226 31.8 25.9 38.9

229 20.6 17.4 26.0

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#84

Bis(2-ethylhexyl)phthalate

Concen: 37.633 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

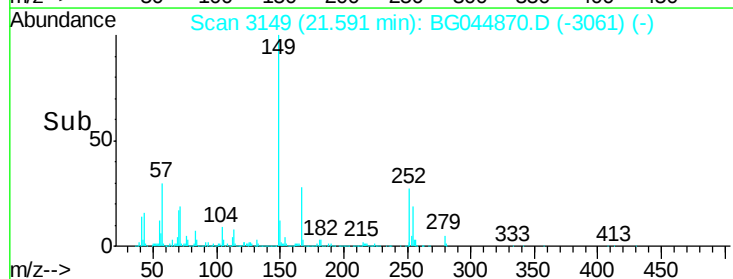
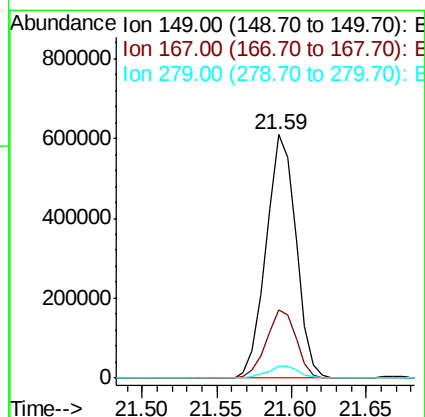
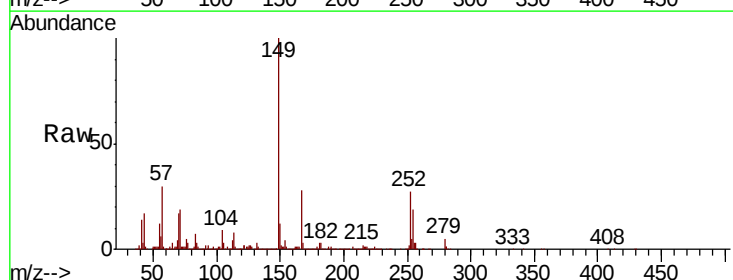
Tgt Ion:149 Resp: 841873

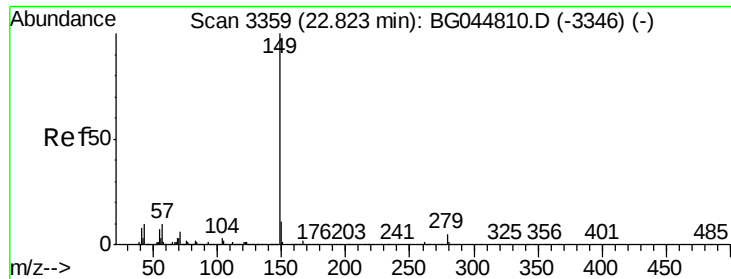
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.6

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 38.610 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

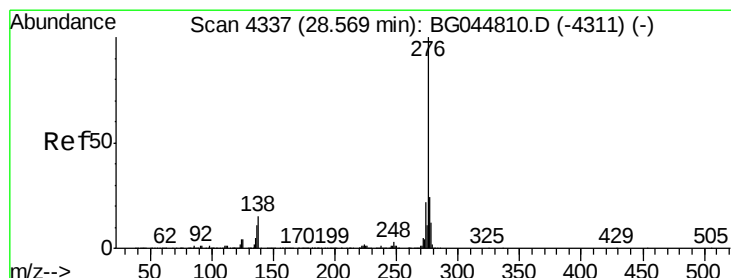
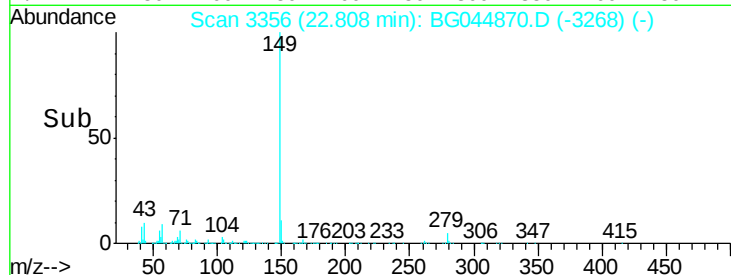
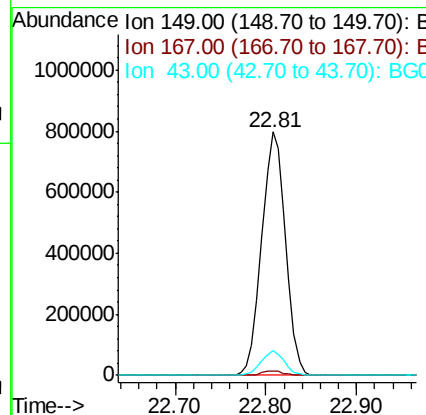
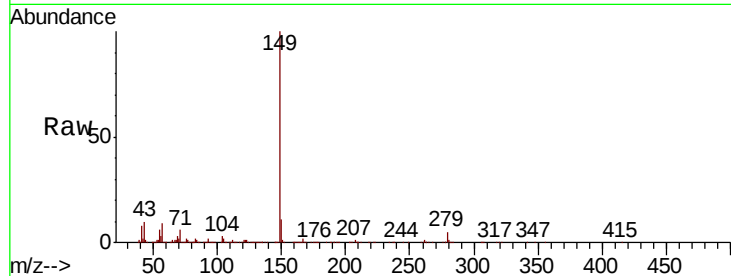
ClientSampleId :

PB127635BSD

Tot Ion:	149	Resp:	1445350
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.9	8.2	12.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.436 ng

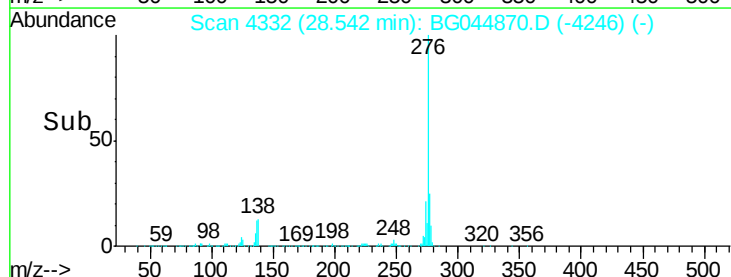
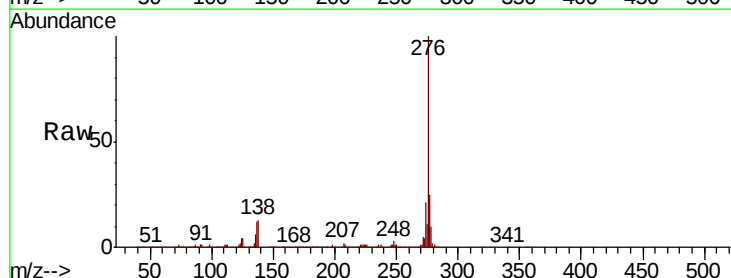
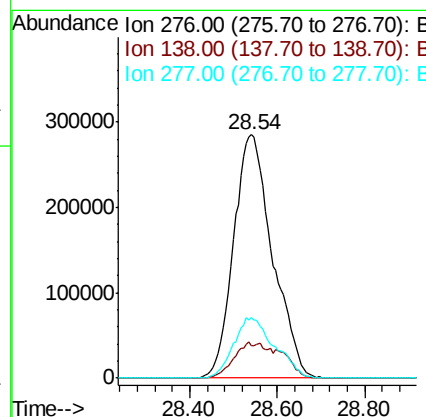
RT: 28.54 min Scan# 4332

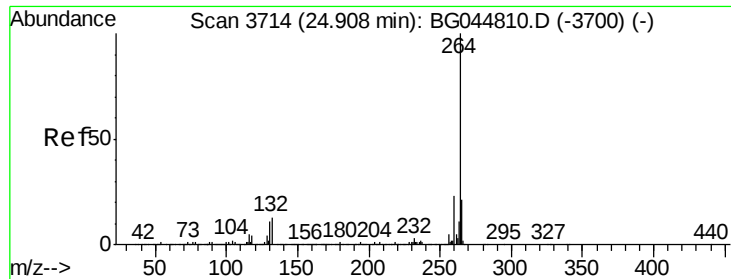
Delta R.T. -0.03 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	276	Resp:	1721255
Ion	Ratio	Lower	Upper
276	100		
138	7.9	7.4	11.0
277	26.1	20.8	31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Instrument :

BNA_G

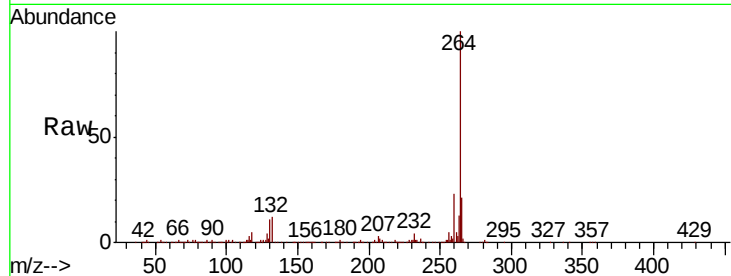
ClientSampleId :

PB127635BSD

Tot Ion:	264	Resp:	544533
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.1	27.1
265	21.0	17.1	25.7

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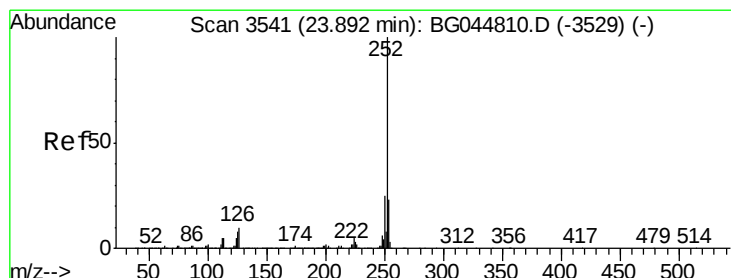
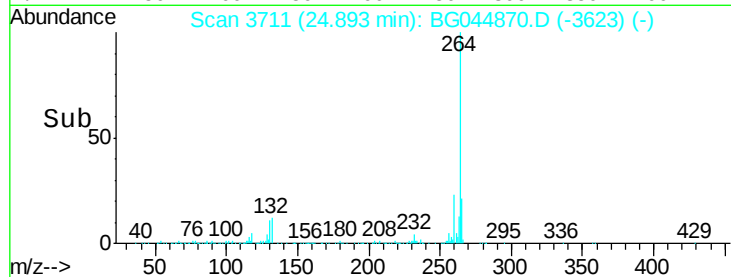
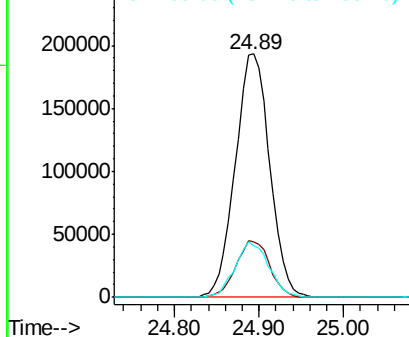


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.524 ng

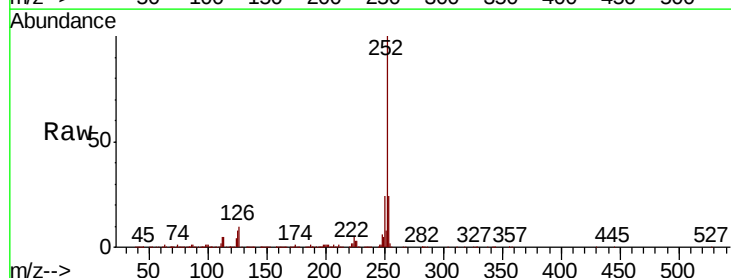
RT: 23.88 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG044870.D

Acq: 18 Mar 2020 19:11

Tgt Ion:	252	Resp:	1492755
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	7.9	6.6	9.8

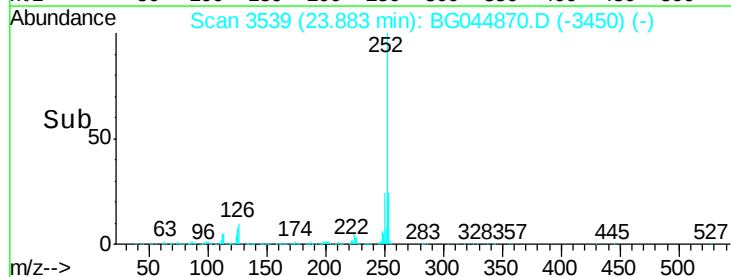
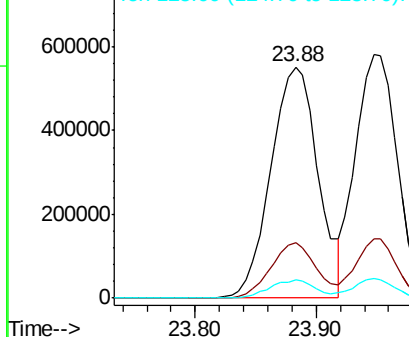


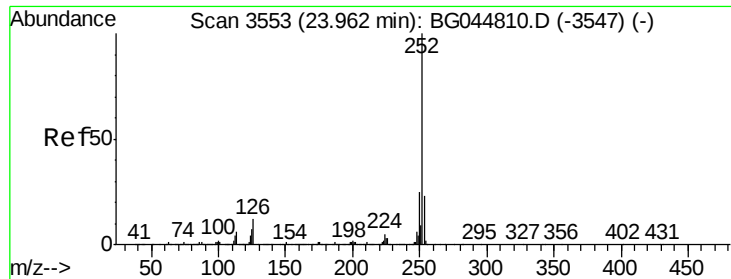
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





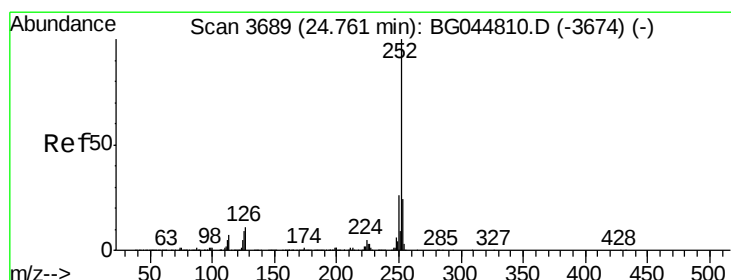
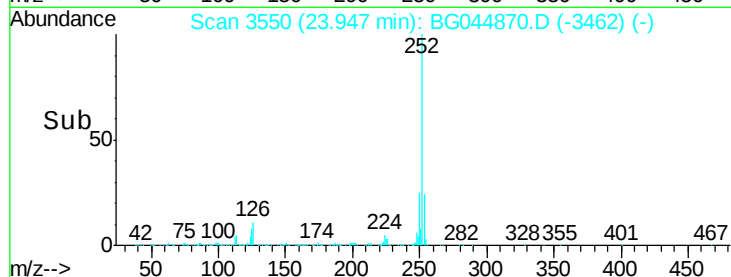
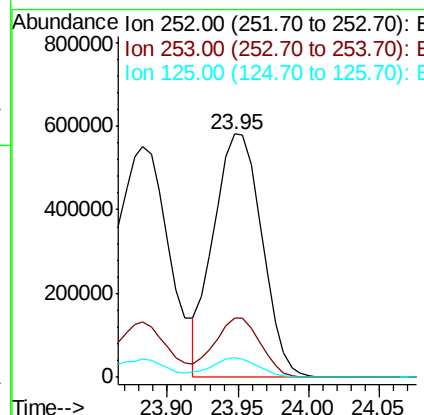
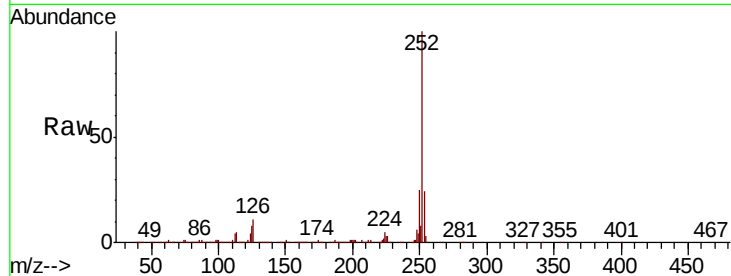
#89
Benzo(k)fluoranthene
Concen: 40.715 ng
RT: 23.95 min Scan# 3550
Delta R.T. -0.02 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	7.8	6.2	9.2

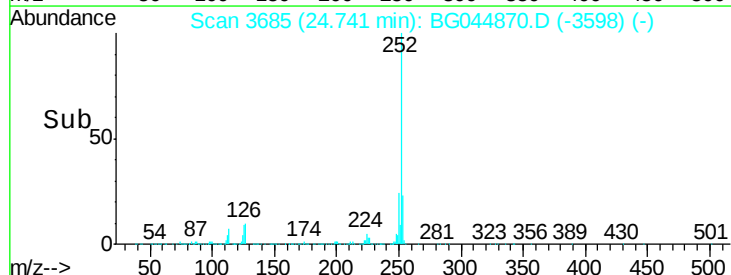
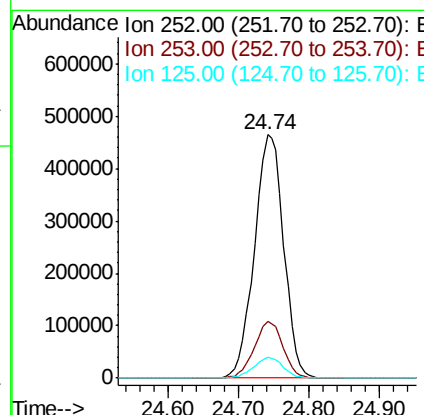
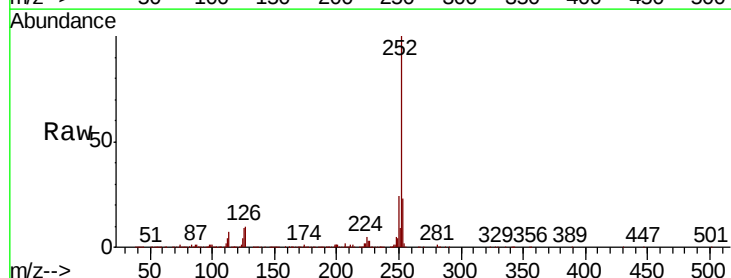
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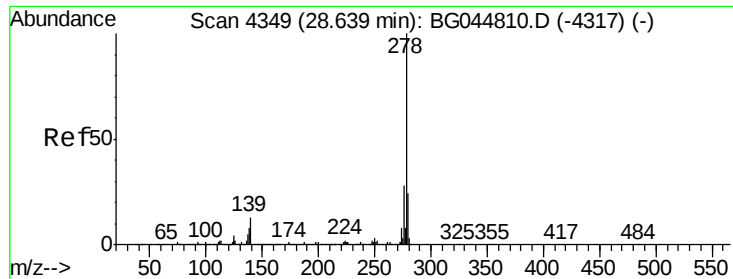
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#90
Benzo(a)pyrene
Concen: 39.929 ng
RT: 24.74 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.4	29.0
125	8.7	7.2	10.8





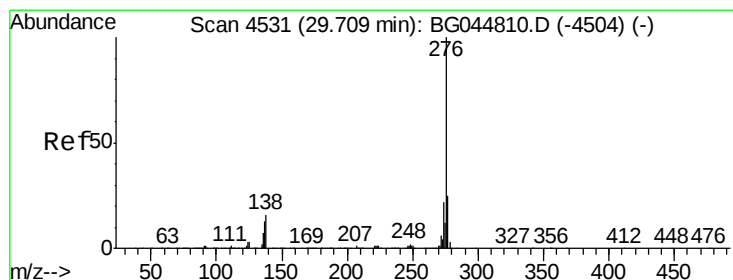
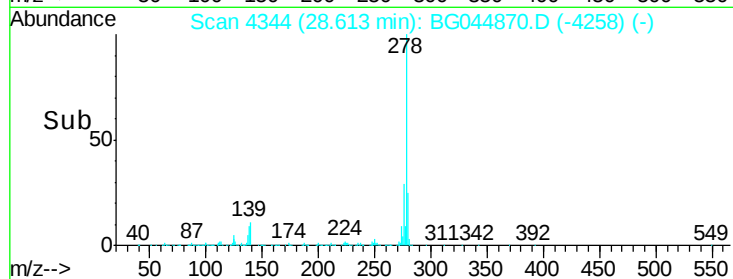
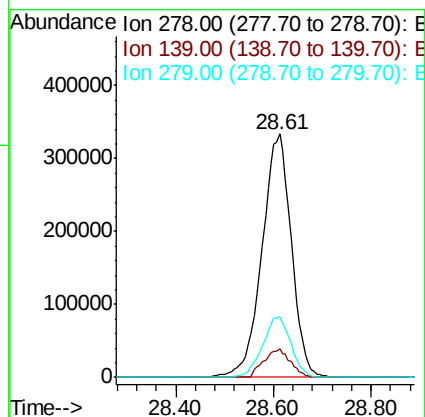
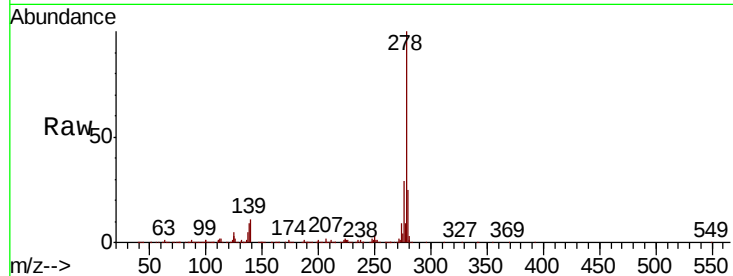
#91
Dibenzo(a,h)anthracene
Concen: 42.109 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.03 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Instrument :
BNA_G
ClientSampleId :
PB127635BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.5	10.2	15.2
279	24.7	18.9	28.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 42.483 ng
RT: 29.68 min Scan# 4526
Delta R.T. -0.03 min
Lab File: BG044870.D
Acq: 18 Mar 2020 19:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.1	30.1
138	14.7	13.0	19.6

